

SHARP SERVICE MANUAL

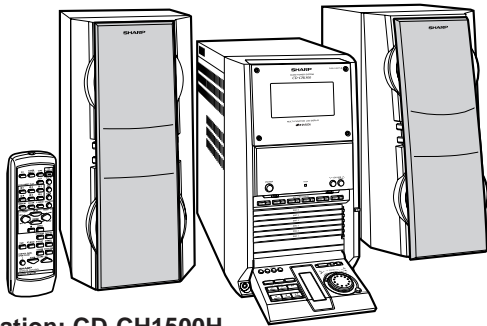


Illustration: CD-CH1500H

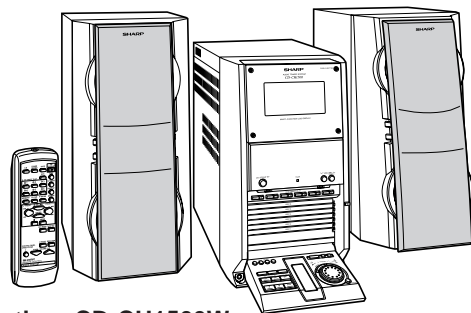


Illustration: CD-CH1500W



No. S3116CDCH150H

AUDIO TOWER SYSTEM

MODEL CD-CH1500H

CD-CH1500H Audio Tower System consisting of CD-CH1500H (main unit) and CP-RW5500H (speaker system).

AUDIO TOWER SYSTEM

MODEL CD-CH1500W

CD-CH1500W Audio Tower System consisting of CD-CH1500W (main unit) and CP-RW5500W (speaker system).

• In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified should be used.

The Service Manual is for the CD-CH1500H/CD-CH1500W, which is a minor-modification model of the CD-CH1000H/CD-CH1000W. This manual, therefore, describes only the changed points from the service manual. Please refer to the CD-CH1000H/CD-CH1000W service manual (S9072CDCH100H) together with this manual.

CD-CH1000H/CD-CH1000W

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SAFETY PRECAUTION FOR SERVICE MANUAL (FOR CD-CH1500H)

Precaution to be taken when replacing and servicing the Laser Pickup.

The AEL (Accessible Emission Level) of Laser Power Output for this model is specified to be lower than Class 1 Requirements. However, the following precautions must be observed during servicing to protect your eyes against exposure to the Laser beam.

- (1) When the cabinet has been removed, the power is turned on without a compact disc, and the Pickup is on a position outer than the lead-in position, the Laser will light for several seconds to detect a disc. Do not look into the Pickup Lens.
- (2) The Laser Power Output of the Pickup inside the unit and replacement service parts have already been adjusted prior to shipping.
- (3) No adjustment to the Laser Power should be attempted when replacing or servicing the Pickup.
- (4) Under no circumstances look directly into the Pickup Lens at any time.
- (5) CAUTION - Use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser Diode Properties

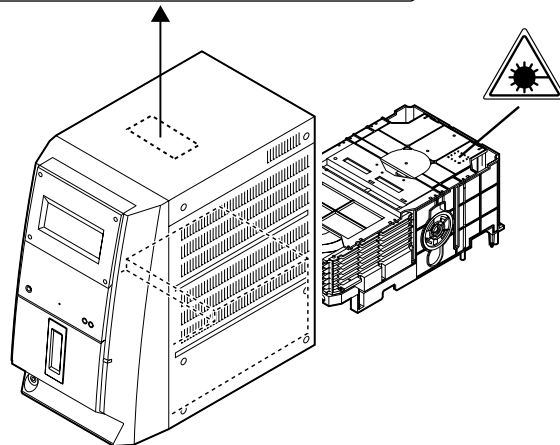
Material: GaAlAs

Wavelength: 780 nm

Emission Duration: continuous

Laser Output: max. 0.6 mW

CAUTION-INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRÄKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.
ADVERSEL-UVSYNLIG LASERSTRÅLNING VED ÅBNING. SE IKKE IND I STRÅLEN-HELLER IKKE MED OPTISKE INSTRUMENTER.
VARO! AVATTAESSA OLET ALTTIINA NÄKYMÄTÖN LASERSÄTEILYLLE. ÄLÄ TUBOTA SÄTEESSEEN ÄLÄKÄ KATSO SITA OPTISEN LAITTEEN LÄPI.
VARNING-OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRÄKTA EJ STRÅLEN GENOM OPTISKT INSTRUMENT.
ADVERSEL-UVSYNLIG LASERSTRÅLNING NÄR DEKSEL ÅPNES. STIRR IKKE INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.

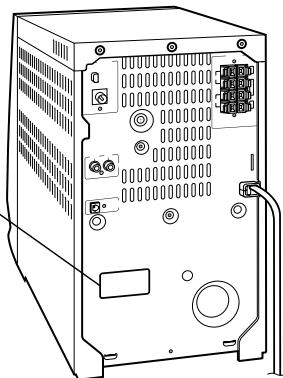


VAROITUS! LAITTEEN KÄYTTÄMINEN MUULLA KUIN TÄSSÄ KÄYTTÖOHJEESSA MAINITULLA TAVALLA SAATTAA ALTISTAA KÄYTTÄJÄN TURVALLISUUSLUOKAN 1 YLITTÄVÄLLE NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE.

VARNING - OM APPARATEN ANVÄNDS PÅ ANNAT SÄTT ÄN I DENNA BRUKSANVISNING SPECIFICERAS. KAN ANVÄNDAREN UTSÄTTAS FÖR OSYNLIG LASERSTRÅLNING, SOM ÖVERSKRIDER GRÄNSEN FÖR LASERKLASS 1.

CLASS 1 LASER PRODUCT
APPAREIL À LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

LASER KLASSE 1
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT
LASER TRÍDY 1
LASER TRIEDY 1

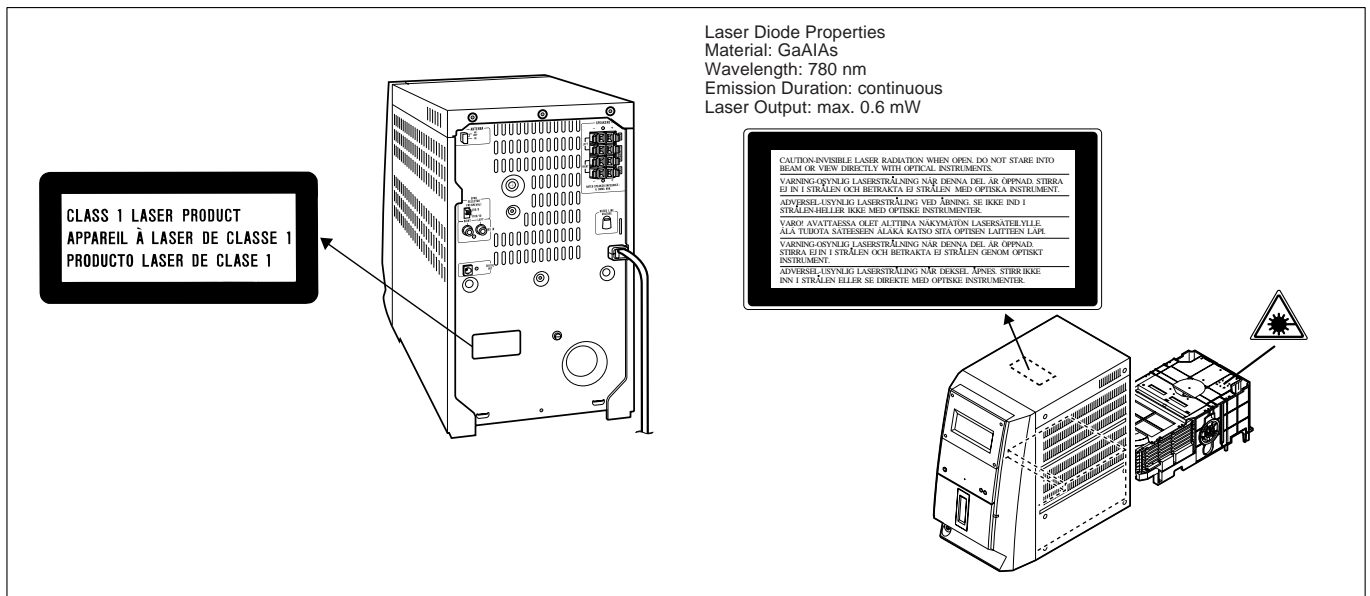


SAFETY PRECAUTION FOR SERVICE MANUAL (FOR CD-CH1500W)

WARNINGS

THE AEL (ACCESSIBLE EMISSION LEVEL) OF THE LASER POWER OUTPUT IS LESS THAN CLASS 1 BUT THE LASER COMPONENT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1. THEREFORE IT IS IMPORTANT THAT THE FOLLOWING PRECAUTIONS ARE OBSERVED DURING SERVICING TO PROTECT YOUR EYES AGAINST EXPOSURE TO THE LASER BEAM.

- 1-WHEN THE CABINET IS REMOVED, THE POWER IS TURNED ON WITHOUT A COMPACT DISC IN POSITION AND THE PICKUP IS ON THE OUTER EDGE THE LASER WILL LIGHT FOR SEVERAL SECONDS TO DETECT A DISC. DO NOT LOOK INTO THE PICKUP LENS.
- 2-THE LASER POWER OUTPUT OF THE PICKUP UNIT AND REPLACEMENT SERVICE PARTS ARE ALL FACTORY PRESET BEFORE SHIPMENT.
DO NOT ATTEMPT TO READJUST THE LASER PICKUP UNIT DURING REPLACEMENT OR SERVICING.
- 3-UNDER NO CIRCUMSTANCES STARE INTO THE PICKUP LENS AT ANY TIME.
- 4-CAUTION-USE OF CONTROLS OR ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.



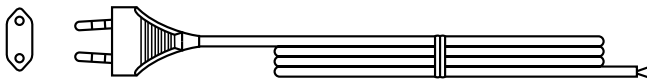
VOLTAGE SELECTION (CD-CH1500W ONLY)

Before operating the unit on mains, check the preset voltage. If the voltage is different from your local voltage, adjust the voltage as follows.

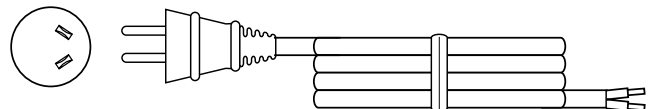
Turn the selector with a screwdriver until the appropriate voltage number appears in the window (110 V, 127 V, 220 V or 230-240 V AC).

AC POWER SUPPLY CORD (CD-CH1500W ONLY)

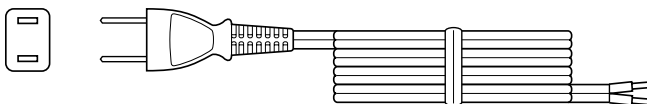
QACCE0008AW00



QACCL0005AW00



QACCZ0007AW00



CD-CH1500H/CD-CH1500W

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

For CD-CH1500H

General

Power source	AC 230 V, 50 Hz
Power consumption	Power on: 175 W Power stand-by: 0.6 W (*)
Dimensions	Width: 200 mm (7-7/8") Height: 352 mm (13-7/8") Depth: 377 mm (14-7/8")
Weight	9.8 kg (21.6 lbs.)

(*) This power consumption value is obtained when the demonstration mode is cancelled in the power stand-by mode. To cancel the demonstration mode.

Amplifier

Output power	PMPO: 668 W MPO: 334 W (167 W + 167 W) (DIN 45 324) Main speaker (woofer and tweeter): 134 W (67 W + 67 W) Subwoofer: 200 W (100 W + 100 W) RMS: 200 W (100 W + 100 W) (DIN 45 324) Main speaker (woofer and tweeter): 80 W (40 W + 40 W) Subwoofer: 120 W (60 W + 60 W) RMS: 184 W (92 W + 92 W) (DIN 45 500) Main speaker (woofer and tweeter): 74 W (37 W + 37 W) Subwoofer: 110 W (55 W + 55 W)
Output terminals	Speakers: 6 ohms Headphones: 16 - 50 ohms (recommended: 32 ohms) CD digital output (optical)
Input terminals	Auxiliary: 500 mV/47 kohms

CD player

Type	6-disc multi-play compact disc changer player
Signal readout	Non-contact, 3-beam semiconductor laser pickup
D/A converter	1-bit D/A converter
Frequency response	20 - 20,000 Hz
Dynamic range	90 dB (1 kHz)

Cassette deck

Frequency response	50 - 14,000 Hz (Normal tape)
Signal/noise ratio	50 dB (recording/playback)
Wow and flutter	0.35 % (DIN 45 511)

Tuner

Frequency range	FM: 87.5 - 108.0 MHz AM: 522 - 1,620 kHz
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For CD-CH1500W

General

Power source	AC 110/127/220/230-240 V, 50/60 Hz
Power consumption	Power on: 175 W
Dimensions	Width: 200 mm (7-7/8") Height: 352 mm (13-7/8") Depth: 377 mm (14-7/8")
Weight	10.4 kg (22.9 lbs.)

Amplifier

Output power	MPO: 334 W (167 W + 167 W) (10 % T.H.D.) Main speaker (woofer and tweeter): 134 W (67 W + 67 W) Subwoofer: 200 W (100 W + 100 W) RMS: 200 W (100 W + 100 W) (10 % T.H.D.) Main speaker (woofer and tweeter): 80 W (40 W + 40 W) Subwoofer: 120 W (60 W + 60 W) RMS: 184 W (92 W + 92 W) (0.9 % T.H.D.) Main speaker (woofer and tweeter): 74 W (37 W + 37 W) Subwoofer: 110 W (55 W + 55 W)
Output terminals	Speakers: 6 ohms Headphones: 16 - 50 ohms (recommended: 32 ohms) CD digital output (optical)
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CD player

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Signal readout	Non-contact, 3-beam semiconductor laser pickup
D/A converter	1-bit D/A converter
Frequency response	20 - 20,000 Hz
Dynamic range	90 dB (1 kHz)

Cassette deck

Frequency response	50 - 14,000 Hz (Normal tape)
Signal/noise ratio	50 dB (recording/playback)
Wow and flutter	0.3 % (WRMS)

Tuner

Frequency range	FM: 88 - 108.0 MHz AM: 531 - 1,620 kHz
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CP-RW5500H/CP-RW5500W

Type	3-way type speaker system 5 cm (2") Tweeter 13 cm (5-1/4") Woofer 13 cm (5-1/4") Subwoofer
Maximum input power (Total)	200 W
Rated input power (Total)	100 W
Impedance	6 ohms
Dimensions	Width: 185 mm (7-5/16") Height: 417 mm (16-7/16") Depth: 311 mm (12-1/4")
Weight	4.8 kg (10.6 lbs.)/each

Specifications for this model are subject to change without prior notice.

NAMES OF PARTS

Front panel

CD-CH1500H/CD-CH1500W

1. Cassette Compartment
2. Volume Up/Demo Button
3. Volume Down Button
4. Timer Set Indicator
5. On/Stand-by Button
6. CD Direct Play Buttons (with Indicator)/CD Eject Buttons
7. Disc Trays
8. Headphone Socket
9. Control Panel Open/Close Button
10. CD Play Mode Select Button
11. Equalizer Mode Select Button
12. Extra Bass Button
13. Display Button
14. Menu Button
15. Jog Dial
16. Enter Button
17. CD Button
18. Tape Button
19. Tuner (Band) Button
20. Auxiliary Button
21. Tape Reverse Mode Select Button
22. Clear Button
23. Memory Button
24. CD Fast Reverse, Tape Fast Wind or Tuning Down Button (with Indicator)
25. Tape Reverse Play Button (with Indicator)
26. CD Fast Forward, Tape Fast Wind or Tuning Up Button (with Indicator)
27. Tape Record Pause Button
28. Stop Button (with Indicator)
29. CD Play or Pause, Tape Forward Play Button (with Indicator)

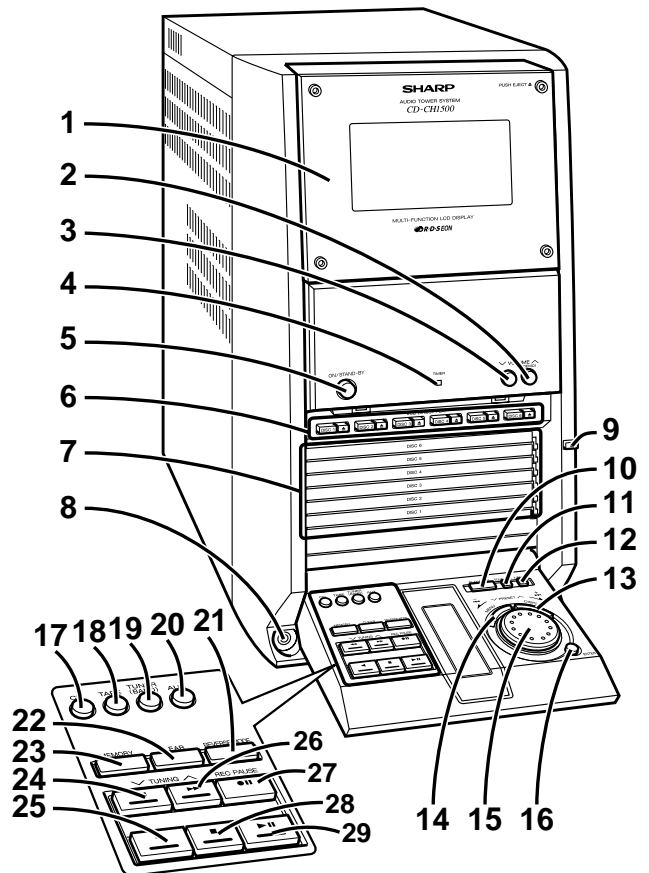
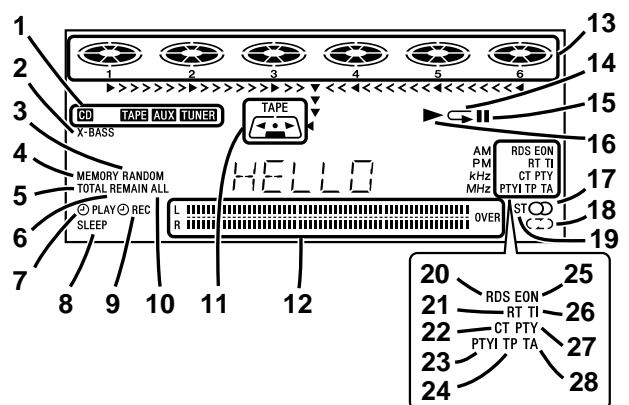


Illustration: CD-CH1500H

Multi-function LCD display

For CD-CH1500H

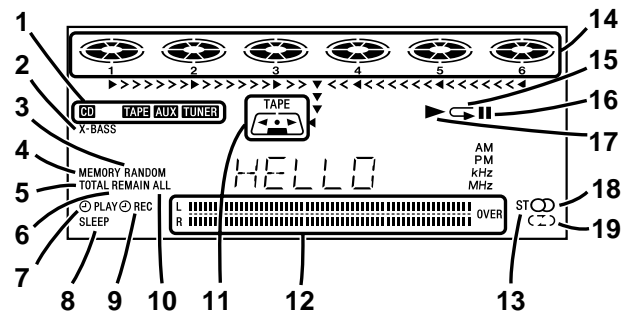
1. Function Indicator
2. Extra Bass Indicator
3. Random Play Indicator
4. Memory Indicator
5. Total Indicator
6. Remain Indicator
7. Timer Play Indicator
8. Sleep Indicator
9. Timer Recording Indicator
10. All Disc Play Indicator
11. Cassette Indicator
12. Level Meter
13. CD Indicators
14. CD Repeat Indicator
15. CD Pause Indicator
16. CD Play Indicator
17. FM Stereo Indicator
18. Tape Reverse Mode Indicator
19. FM Stereo Mode Indicator
20. RDS Indicator
21. Radio Text Indicator
22. Clock Time Indicator
23. Dynamic PTY Indicator
24. Traffic Programme Indicator
25. EON Indicator
26. Traffic Information Indicator
27. Programme Type Indicator
28. Traffic Announcement Indicator



CD-CH1500H/CD-CH1500W

For CD-CH1500W

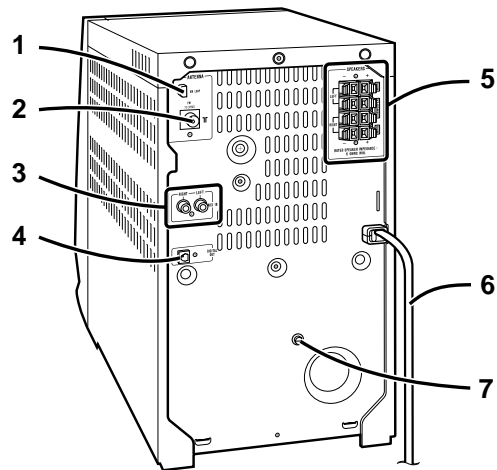
1. Function Indicator
2. Extra Bass Indicator
3. Random Play Indicator
4. Memory Indicator
5. Total Indicator
6. Remain Indicator
7. Timer Play Indicator
8. Sleep Indicator
9. Timer Recording Indicator
10. All Disc Play Indicator
11. Cassette Indicator
12. Level Meter
13. FM Stereo Mode Indicator
14. CD Indicators
15. CD Repeat Indicator
16. CD Pause Indicator
17. CD Play Indicator
18. FM Stereo Indicator
19. Tape Reverse Mode Indicator



Rear panel

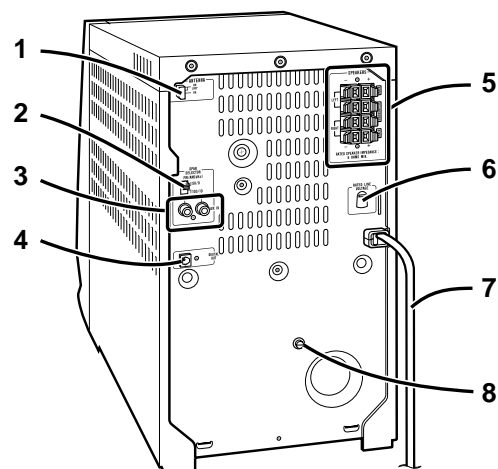
For CD-CH1500H

1. AM Loop Aerial Socket
2. FM Aerial Terminal
3. Auxiliary Input Sockets
4. CD Digital Output Socket
5. Speaker Terminals
6. AC Power Lead
7. Transport screw



For CD-CH1500W

1. FM/AM Loop Aerial Socket
2. Span Selector Switch
3. Auxiliary Input Sockets
4. CD Digital Output Socket
5. Speaker Terminals
6. AC Voltage Selector
7. AC Power Lead
8. Transport screw

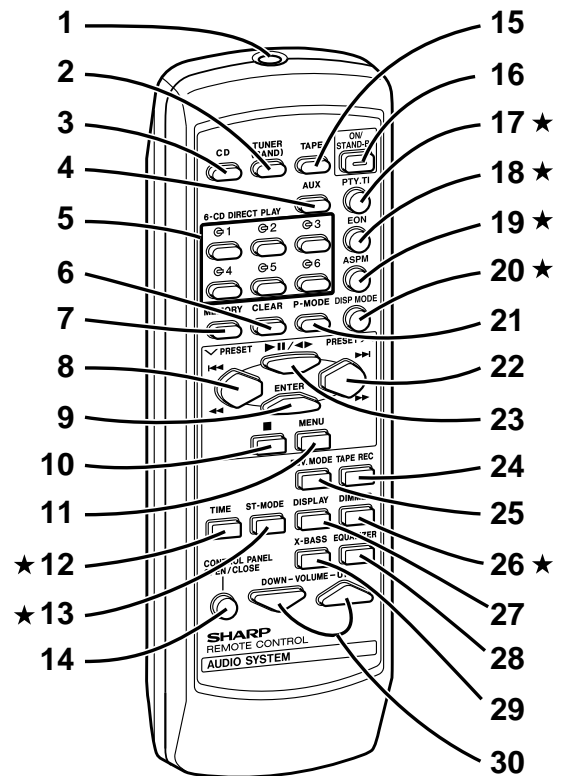


Remote control

For CD-CH1500H

1. Remote Control Transmitter
2. Tuner (Band) Button
3. CD Button
4. Auxiliary Button
5. CD Direct Play Buttons
6. Clear Button
7. Memory Button
8. CD Track Down or Fast Reverse, Tape Fast Wind, Tuner Preset Down Button
9. Enter Button
10. Stop Button
11. Menu Button
12. **Time Button**
13. **FM Stereo Mode Button**
14. Control Panel Open/Close Button
15. Tape Button
16. On/Stand-by Button
17. **RDS Programme Type/Traffic Information Search Button**
18. **RDS EON Button**
19. **RDS ASPM (Auto Station Programme Memory) Button**
20. **RDS Display Mode Selector Button**
21. CD Play Mode Select Button
22. CD Track Up or Fast Forward, Tape Fast Wind, Tuner Preset Up Button
23. CD Play or Pause, Tape Play Button
24. Tape Record Pause Button
25. Tape Reverse Mode Select Button
26. **Dimmer Button**
27. Display Button
28. Equalizer Mode Select Button
29. Extra Bass Button
30. Volume Up or Down Buttons

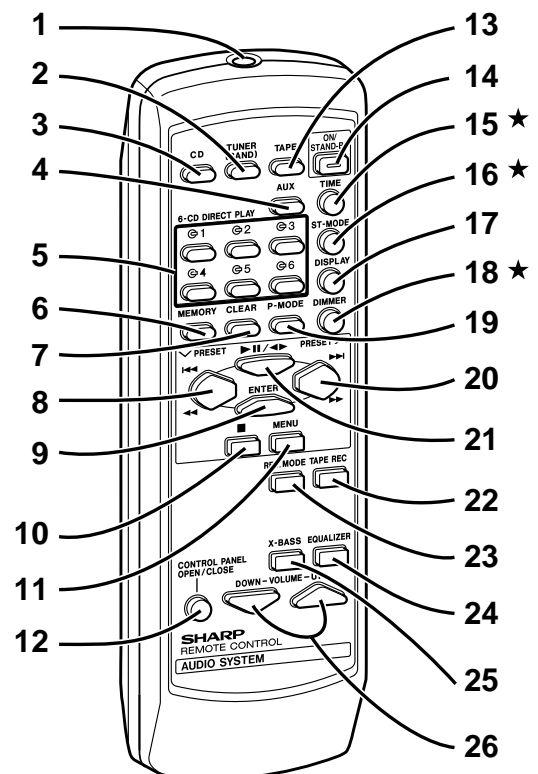
Buttons with "*" mark in the illustration can be operated on the remote control only. Other buttons can be operated both on the main unit and the remote control.



For CD-CH1500W

1. Remote Control Transmitter
2. Tuner (Band) Button
3. CD Button
4. Auxiliary Button
5. CD Direct Play Buttons
6. Memory Button
7. Clear Button
8. CD Track Down or Fast Reverse, Tape Fast Wind, Tuner Preset Down Button
9. Enter Button
10. Stop Button
11. Menu Button
12. Control Panel Open/Close Button
13. Tape Button
14. On/Stand-by Button
15. **Time Button**
16. **FM Stereo Mode Button**
17. Display Button
18. **Dimmer Button**
19. CD Play Mode Select Button
20. CD Track Up or Fast Forward, Tape Fast Wind, Tuner Preset Up Button
21. CD Play or Pause, Tape Play Button
22. Tape Record Pause Button
23. Tape Reverse Mode Select Button
24. Equalizer Mode Select Button
25. Extra Bass Button
26. Volume Up or Down Buttons

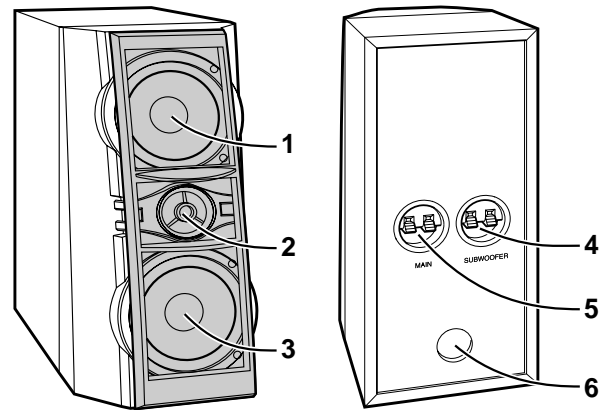
Buttons with "*" mark in the illustration can be operated on the remote control only. Other buttons can be operated both on the main unit and the remote control.



■ Speaker System

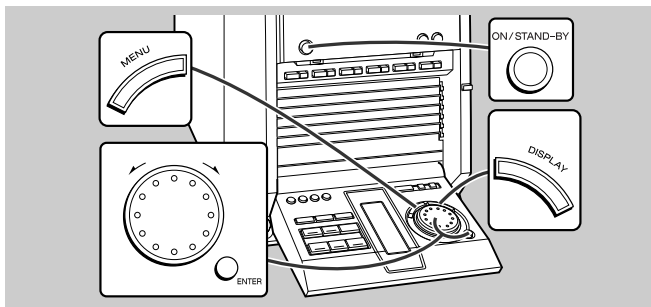
CP-RW5500H/CP-RW5500W

1. Woofer
2. Tweeter
3. Subwoofer
4. Subwoofer Terminals
5. Main Speaker Terminals
6. Bass Reflex Duct



OPERATION MANUAL

Setting the Clock



In this example, the clock is set for the 24-hour (0:00) display.

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Press the MENU button.
- 3 Turn the jog dial to select "CLOCK" and within 10 seconds, press the ENTER button.



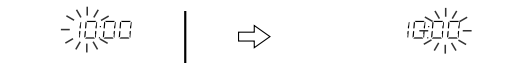
- 4 Turn the jog dial to select the 24-hour or 12-hour display and within 2 minutes, press the ENTER button.



- "0:00" → The 24-hour display will appear. (0:00 - 23:59)
- "AM 12:00" → The 12-hour display will appear. (AM 12:00 - PM 11:59)
- "AM 0:00" → The 12-hour display will appear. (AM 0:00 - PM 11:59)

Note that this can only be set when the unit is first installed or it has been reset. [Refer to "Clearing all the memory (reset)".]

- 5 Turn the jog dial to adjust the hour and within 2 minutes, press the ENTER button.



- When the 12-hour display is selected, "AM" will change automatically to "PM".

- 6 Turn the jog dial to adjust the minutes and within 2 minutes, press the ENTER button.



- The hour will not advance even if minutes advance from "59" to "00".
- The clock starts from "0" second. (Seconds are not displayed.) The time display will disappear after a few seconds.

To confirm the time display:

[When the unit is in the stand-by mode]

Press the DISPLAY button on the remote control. The time display will appear for about 3 seconds.

10:30

[When the power is on]

Press the MENU button. The time display will appear for about 10 seconds.

Note:

"CLOCK" will appear or time will flash at the push of the DISPLAY button when the AC power supply is restored after a power failure or unplugging the unit. Reset the clock as follows.

To reset the clock:

[When time is flashing]

- 1 Press the ON/STAND-BY button.
- 2 Press the MENU button.
- 3 Press the ENTER button.
- 4 Perform "Setting the Clock" from step 5.

[When "CLOCK" appears]

Perform "Setting the Clock" from the beginning.

To change the 24-hour or 12-hour display:

- 1 Clear all the programmed contents. [Refer to "Clearing all the memory (reset)".]
- 2 Perform "Setting the Clock" from the beginning.

Troubleshooting Chart

Many potential "problems" can be resolved by the owner without calling a service technician. If something is wrong with this product, check the following before calling your authorised SHARP dealer or service centre.

General

Symptom	Possible cause
● The clock is not on time.	● Did a power failure occur? Reset the clock.
● When a button is pressed, the unit does not respond.	● Set this unit to the power stand-by mode and then turn it back on. ● If the unit still malfunctions, reset it.
● No sound is heard.	● Is the volume level set to "0"? ● Are the headphones connected? ● Are the speaker wires disconnected?

CD player

Symptom	Possible cause
● Playback does not start.	● Is the disc loaded upside-down?
● Playback stops in the middle or is not performed properly.	● Does the disc satisfy the standards? ● Is the disc distorted or scratched?
● Playback sounds are skipped, or stopped in the middle of a track.	● Is the unit located near excessive vibrations? ● Is the disc very dirty? ● Has condensation formed inside the unit?

Tuner

Symptom	Possible cause
● Radio makes unusual noise consecutively.	● Is the unit placed near the TV or computer? ● Is the FM/AM loop aerial placed properly? Move the AC power lead away from the aerial if located near.

Troubleshooting Chart

If trouble occurs

When this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

If such a problem occurs, do the following:

- 1 Set the unit to the stand-by mode and turn the power on again.
- 2 If the unit is not restored in the previous operation, unplug and plug in the unit, and then turn the power on.

Clearing all the memory (reset)

If neither operation above restores the unit, clear all the memory by following the instructions below.

- 1 Press the ON/STAND-BY button to enter the power stand-by mode.
- 2 Whilst pressing down the VOLUME ∇ button, press the ON/STAND-BY button until "ALL CLEAR" appears.

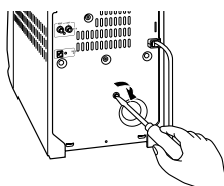
Caution:

This operation will erase all data stored in memory including clock, timer settings, tuner preset and CD programme.

Before transporting the unit

On the back of this unit is equipped with a transport safety screw in order to prevent damage during transportation.

- 1 Press the ON/STAND-BY button to turn the power on.
- 2 Remove all discs from the unit, close the disc tray. "CD NO DISC" is displayed.
- 3 Press the ON/STAND-BY button to enter the stand-by mode. "GOOD-BYE" is displayed.
- 4 When "GOOD-BYE" disappears, unplug the AC power lead from the AC socket.
- 5 Insert the transport safety screw into the back of the unit and tighten it with a flat-blade screwdriver.



Cassette deck

Symptom	Possible cause
● Cannot record.	● Is the erase-protection tab removed?
● Cannot record tracks with proper sound quality.	● Is it a normal tape? (You cannot record on a metal or CrO ₂ tape.)
● Cannot erase completely.	
● Sound skipping.	● Is there any slack? Is the tape stretched?
● Cannot hear treble.	● Are the capstan, pinch roller, or heads dirty?
● Sound fluctuation.	
● Cannot remove the tape.	● If a power failure occurs during playback, the heads remain engaged with the tape. Do not open the compartment forcibly. Wait until electricity resumes.

Remote control

Symptom	Possible cause
● The remote control does not operate.	● Is the AC power lead of the stereo system plugged in? ● Is the battery polarity correct? ● Are the batteries dead? ● Is the distance or angle incorrect? ● Does the remote control sensor receive strong light?

Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet (CD pickup, tape heads, etc.) or on the transmitter LED on the remote control. Condensation can cause the unit to malfunction. If this happens, leave the power on with no disc (or cassette) in the unit until normal playback is possible (about 1 hour). Wipe off any condensation on the transmitter LED with a soft cloth before operating the unit.

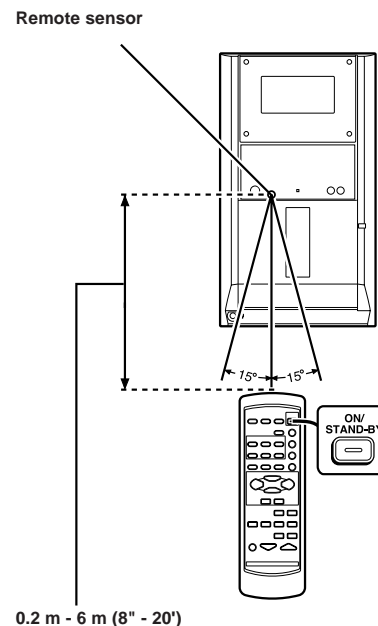
Remote Control

Test of the remote control

Face the remote control directly to the remote sensor on the unit.

The remote control can be used within the range shown below:

Press the ON/STAND-BY button. Does the power turn on? Now, you can enjoy the music.



Notes concerning use:

- Replace the batteries if the operating distance is reduced or if the operation becomes erratic. Purchase 2 "AA" size batteries (UM/SUM-3, R6, HP-7 or similar).
- Periodically clean the transmitter on the remote control and the sensor on the stereo system with a soft cloth.
- Exposing the sensor on the stereo system to strong light may interfere with operation. Change the lighting or the direction of the stereo system.
- Keep the remote control away from moisture, heat, shock, and vibrations.

Using the Radio Data System (RDS) (CD-CH1500H Only)

RDS is a broadcasting service which a growing number of FM stations provide. These FM stations send additional signals along with their regular programme signals. They send their station names, and information about the type of programme such as sports or music, etc.

When tuned to an RDS station, "RDS" and the station name will be displayed.

"TP" (Traffic Programme) will appear on the display when the received broadcast carries traffic information, and "TA" (Traffic Announcement) will appear whilst a traffic information is on air.

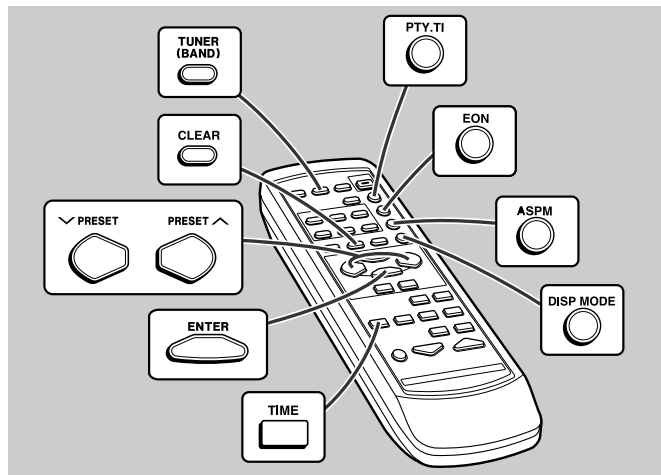
"EON" will appear whilst the EON (Enhanced Other Networks information) data is broadcast.

"PTY" (Dynamic PTY Indicator) will appear whilst the Dynamic PTY station is received.

"RT" (Radio Text) will appear whilst the unit receives the Radio text data.

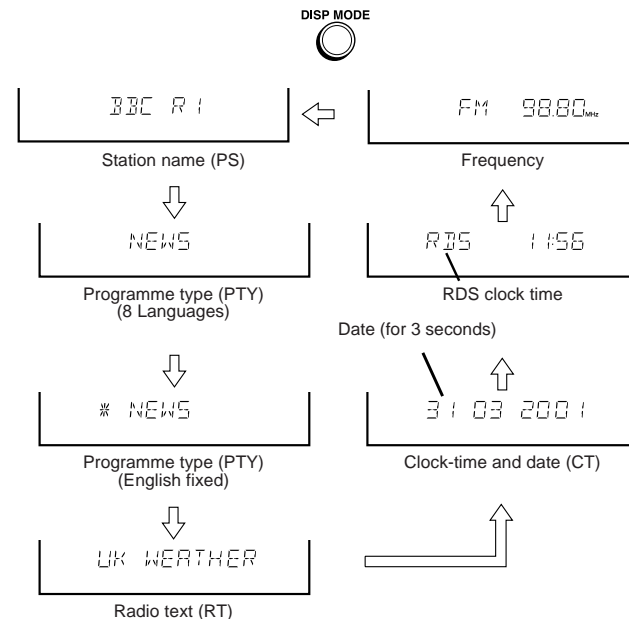
"CT" (Clock Time) will appear whilst the unit receives the RDS CT data.

You can control the RDS by using the remote control only.

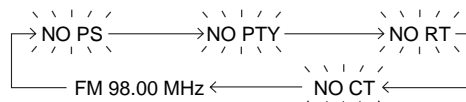


Information provided by RDS

Each time the DISP MODE button is pressed, the display will switch as follows:



When you are tuning in to a station other than an RDS station or to an RDS station which sends weak signal, the display will change in the following order:



Descriptions of the PTY (Programme Type) codes, TP (Traffic Programme) and TA (Traffic Announcement).

You can search for and receive the following PTY, TP and TA signals.

NEWS	Short accounts of facts, events and publicly expressed views, reportage and actuality.
AFFAIRS	Topical programme expanding or enlarging upon the news, generally in different presentation style or concept, including debate, or analysis.
INFO	Programmes whose purpose is to impart advice in the widest sense.
SPORT	Programme concerned with any aspect of sport.
EDUCATE	Programme intended primarily to educate, of which the formal element is fundamental.
DRAMA	All radio plays and serials.
CULTURE	Programmes concerned with any aspect of national or regional culture, including language, theatre, etc.
SCIENCE	Programmes about the natural sciences and technology.
VARIED	Used for mainly speech-based programmes usually of light-entertainment nature, not covered by other categories. Examples include: quizzes, panel games, personality interviews.
POP M	Commercial music, which would generally be considered to be of current popular appeal, often featuring in current or recent record sales charts.
ROCK M	Contemporary modern music, usually written and performed by young musicians.
EASY M	Current contemporary music considered to be "easy-listening", as opposed to Pop, Rock or Classical, or one of the specialised music styles, Jazz, Folk or Country. Music in this category is often but not always, vocal, and usually of short duration.
LIGHT M	Classical music for general, rather than specialist appreciation. Examples of music in this category are instrumental music, and vocal or choral works.
CLASSICS	Performances of major orchestral works, symphonies, chamber music, etc., and including Grand Opera.
OTHER M	Musical styles not fitting into any of the other categories. Particularly used for specialist music of which Rhythm & Blues and Reggae are examples.
WEATHER	Weather reports and forecasts and meteorological information.
FINANCE	Stock Market reports, commerce, trading, etc.
CHILDREN	For programmes targeted at a young audience, primarily for entertainment and interest, rather than where the objective is to educate.

SOCIAL	Programmes about people and things that influence them individually or in groups. Includes: sociology, history, geography, psychology and society.
RELIGION	Any aspect of beliefs and faiths, involving a God or Gods, the nature of existence and ethics.
PHONE IN	Involving members of the public expressing their views either by phone or at a public forum.
TRAVEL	Features and programmes concerned with travel to near and far destinations, package tours and travel ideas and opportunities. Not for use for announcements about problems, delays, or roadworks affecting immediate travel where TP/TA should be used.
LEISURE	Programmes concerned with recreational activities in which the listener might participate. Examples include, Gardening, Fishing, Antique collecting, Cooking, Food & Wine, etc.
JAZZ	Polyphonic, syncopated music characterised by improvisation.
COUNTRY	Songs which originate from, or continue the musical tradition of the American Southern States. Characterised by a straightforward melody and narrative story line.
NATION M	Current Popular Music of the Nation or Region in that country's language, as opposed to International 'Pop' which is usually US or UK inspired and in English.
OLDIES	Music from the so-called "golden age" of popular music.
FOLK M	Music which has its roots in the musical culture of a particular nation, usually played on acoustic instruments. The narrative or story may be based on historical events or people.
DOCUMENT	Programme concerned with factual matters, presented in an investigative style.
TEST	Broadcast when testing emergency broadcast equipment or receivers.
ALARM !	Emergency announcement made under exceptional circumstances to give warning of events causing danger of a general nature.
NONE	No programme type (receive only).
TP	Broadcasts which carry traffic announcements.
TA	Traffic announcements are currently on air.

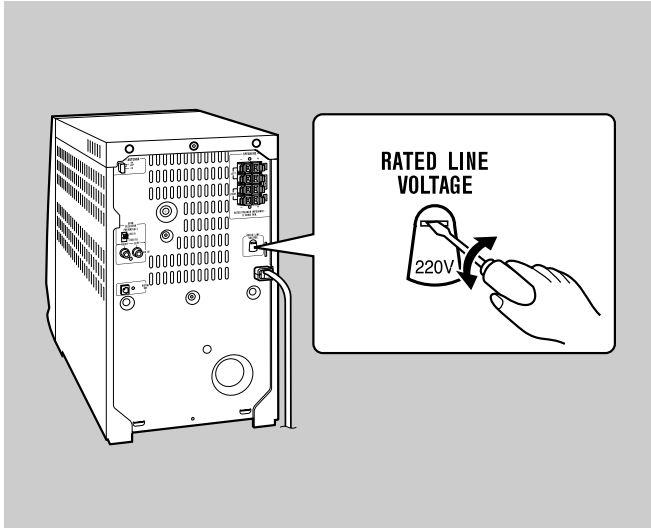
Note:

When you select a programme in the EON stand-by mode, the unit will display "TI" instead of "TA".

System Connections (CD-CH1500W Only)

■ Setting the AC voltage selector

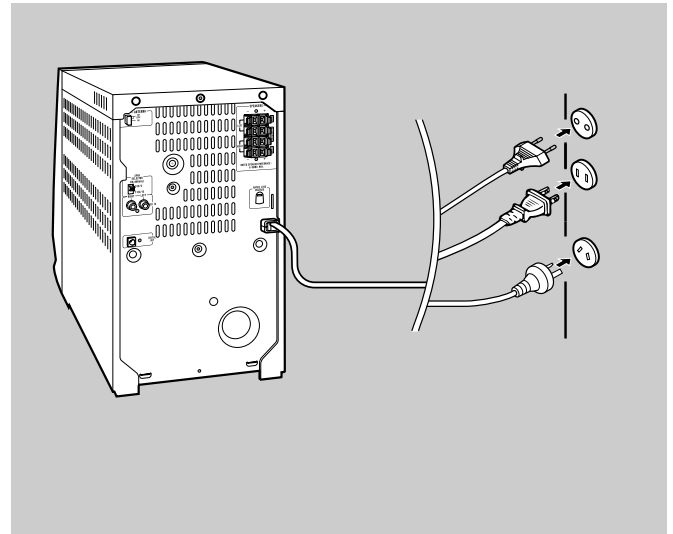
Check the setting of the AC voltage selector located on the rear panel before plugging the unit into an AC socket. If necessary, adjust the selector to correspond to the AC power voltage used in your area.



Turn the selector with a screwdriver until the appropriate voltage number appears in the window (110 V, 127 V, 220 V or 230 V - 240 V AC).

■ Connecting the AC power lead

After making all connections, plug the unit. If you plug the unit first, the unit will enter the demonstration mode.



Notes:

- Plug the AC power lead into an AC socket, after any connections.
- Unplug the AC power lead from the AC socket if the unit will not be in use for a prolonged period of time.

■ Setting the FM/AM span selector

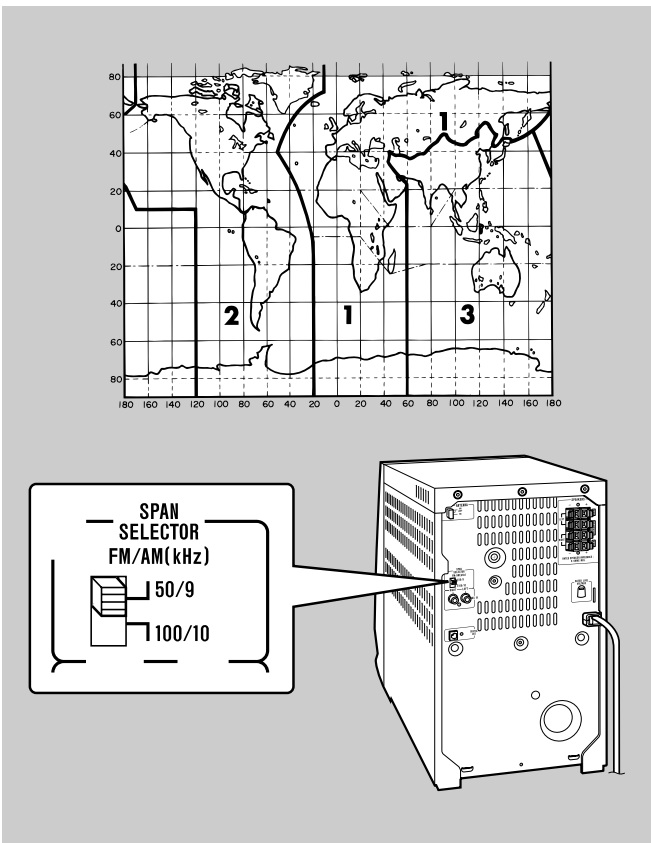
The International Telecommunication Union (ITU) has established that member countries should maintain either a 100 kHz or a 50 kHz interval between broadcasting frequencies of FM stations and 10 kHz or 9 kHz for AM station. The illustration shows the 50/9 kHz zones (regions 1 and 3), and the 100/10 kHz zone (region 2). Before using the unit, set the SPAN SELECTOR switch (on the rear panel) to the interval (span) of your area.

To change the tuning zone:

- 1 Press the ON/STAND-BY button to enter the stand-by mode.
- 2 Set the SPAN SELECTOR switch (on the rear panel) as follows.
 - For 50 kHz FM interval (9 kHz in AM) → 50/9
 - For 100 kHz FM interval (10 kHz in AM) → 100/10
- 3 Whilst pressing down the VOLUME ∇ button, press the ON/STAND-BY button until "ALL CLEAR" appears.

Caution:

This operation will erase all data stored in memory including clock and timer settings, and tuner and CD presets.



DISASSEMBLY

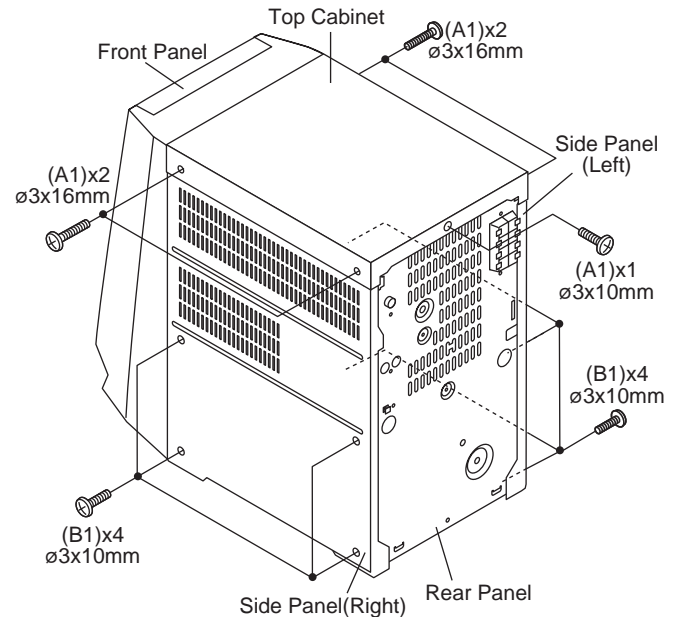
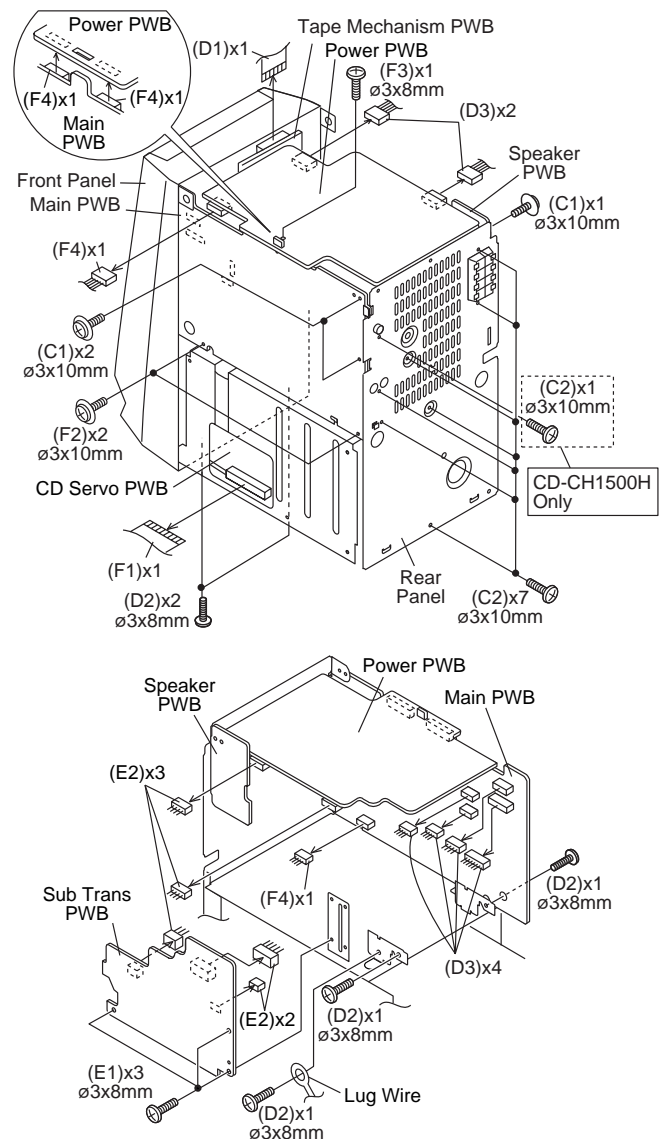
Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:

1. Take cassette tape and compact disc out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
3. Take off nylon bands or wire holders where they need to be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

CD-CH1500H/CD-CH1500W

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw (A1) x5	12-1
2	Side Panel (Left/Right)	1. Screw (B1) x8	12-1
3	Rear Panel	1. Screw (C1) x3 2. Screw (C2) x8 (For CD-CH1500H) 2. Screw (C2) x7 (For CD-CH1500W)	12-2
4	Front Panel	1. Flat Cable (D1) x1 2. Screw (D2) x5 3. Socket (D3) x6	12-2
5	Sub Trans PWB	1. Screw (E1) x3 2. Socket (E2) x5	12-2
6	Main PWB	1. Flat Cable (F1) x1 2. Screw (F2) x2 3. Screw (F3) x1 4. Socket (F4) x4	12-2
7	Power PWB/ Speaker PWB	1. Socket (G1) x1 (For CD-CH1500H) 1. Socket (G1) x2 (For CD-CH1500W) 2. Screw (G2) x2	13-1
8	Tape Mechanism	1. Open the cassette holder. 2. Screw (H1) x4	13-2
9	CD Switch PWB	1. Socket (J1) x1 2. Screw (J2) x6 3. Hook (J3) x2	13-2
10	Switch PWB	1. Screw (K1) x1 2. Hook (K2) x1	13-2
11	Headphones PWB	1. Screw (L1) x1 2. Bracket (L2) x1	13-2
12	CD Changer Door Panel/Control Panel	1. Screw (M1) x3 2. Screw (M2) x2	13-2
13	Motor PWB	1. Solder (P1) x2	13-2
14	CD Changer Door Panel	1. Screw (Q1) x4	13-3
15	Control Panel	1. Screw (R1) x6	13-3
16	Control PWB	1. Screw (S1) x5 2. Socket (S2) x1	13-4
17	Jog PWB	1. Knob (T1) x1 2. Screw (T2) x5	13-4
18	LED B PWB	1. Screw (U1) x3	13-4
19	Cassette Holder Cover	1. Open the cassette holder cover. 2. Screw (V1) x4 3. Display Panel (V2) x1 4. Hook (V3) x4	13-5
20	Display PWB/ LED A PWB	1. Screw (W1) x4 2. Hook (W2) x2	13-6

CD-CH1500H/CD-CH1500W**Illustration: CD-CH1500H****Figure 12-1****Figure 12-2**

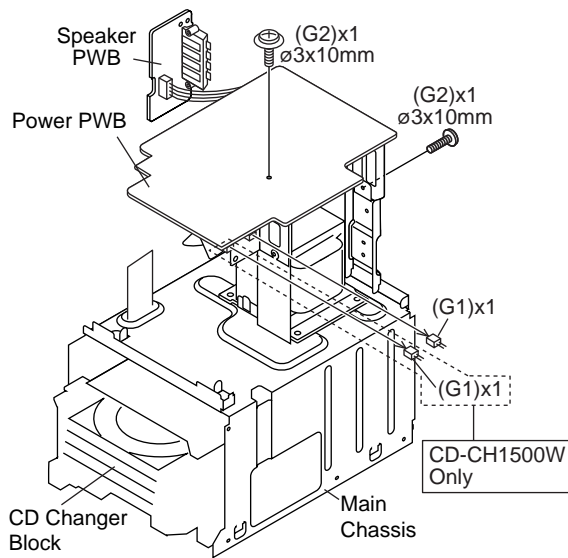


Figure 13-1

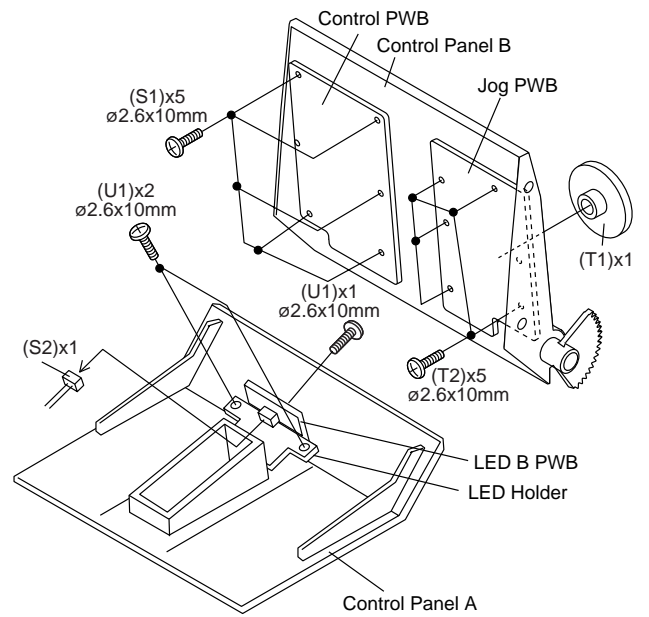


Figure 13-4

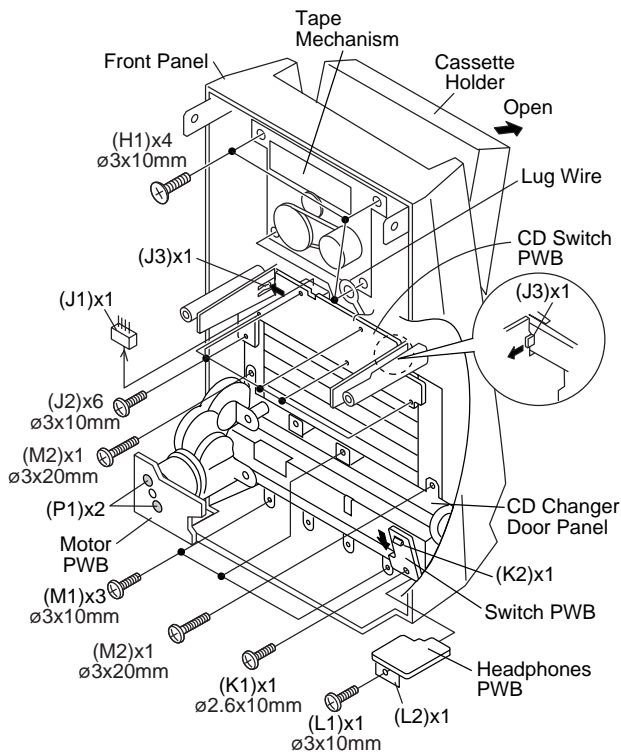


Figure 13-2

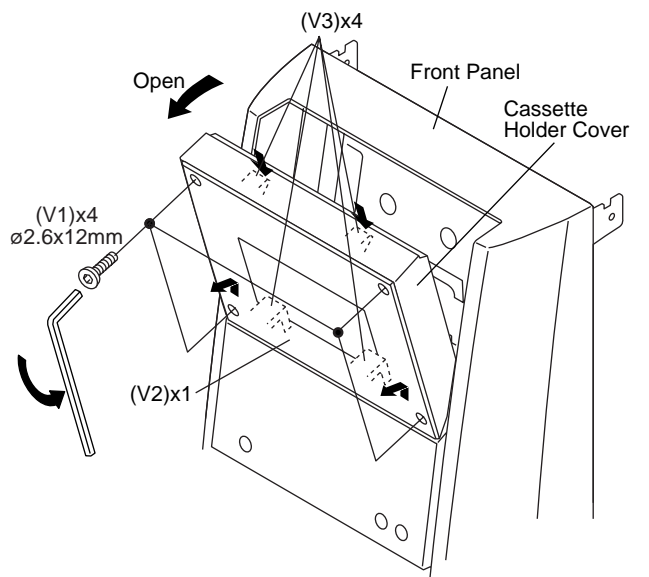


Figure 13-5

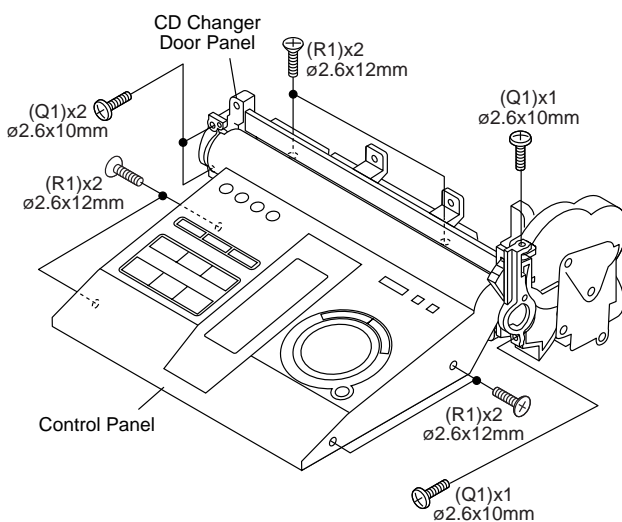


Figure 13-3

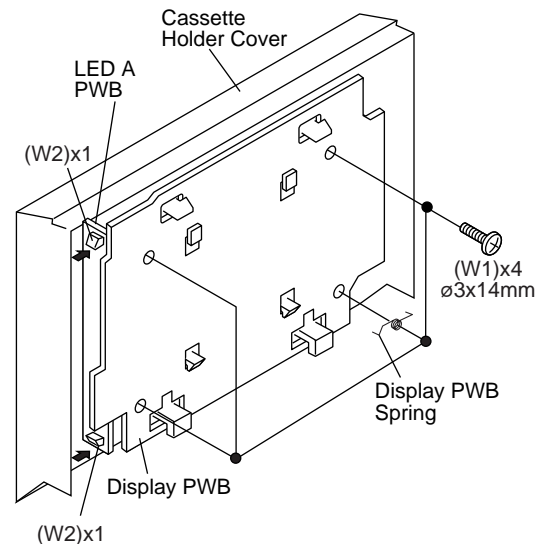


Figure 13-6

CD-CH1500H/CD-CH1500W

CD-CH1500H/CD-CH1500W (CD CHANGER MECHANISM UNIT)

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw (A1) x5	12-1
2	Side Panel (Left/Right)	1. Screw (B1) x8	12-1
3	Rear Panel	1. Screw (C1) x3 2. Screw (C2) x8 (For CD-CH1500H) 2. Screw (C2) x7 (For CD-CH1500W)	12-2
4	Front Panel	1. Flat Cable (D1) x1 2. Screw (D2) x5 3. Socket (D3) x6	12-2
5	CD Changer Mechanism	1. Flat Cable (X1) x1 2. Screw (X2) x2 3. Screw (X3) x5	14-1
6	CD Servo PWB (Note)	1. Screw (Y1) x4 2. Socket (Y2) x4 3. Flat Wire (Y3) x2	14-2
7	CD Mechanism	1. Screw (Z1) x4	14-2

Note:

After removing the connector for the optical pickup from the connector, wrap the conductive aluminium foil around the front end of connector remove to protect the optical pickup from electrostatic damage.

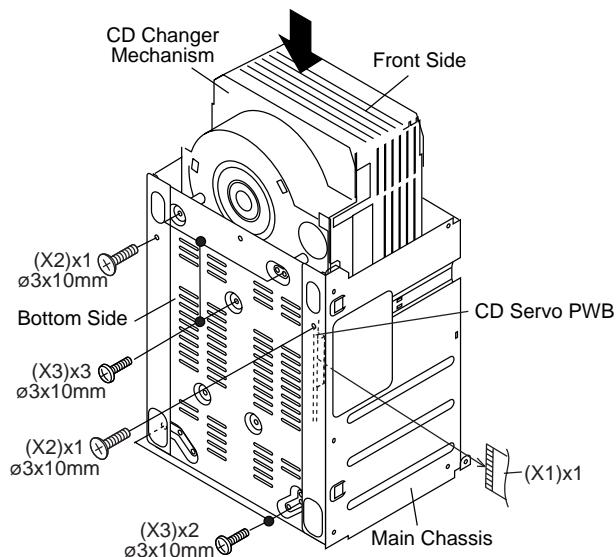


Figure 14-1

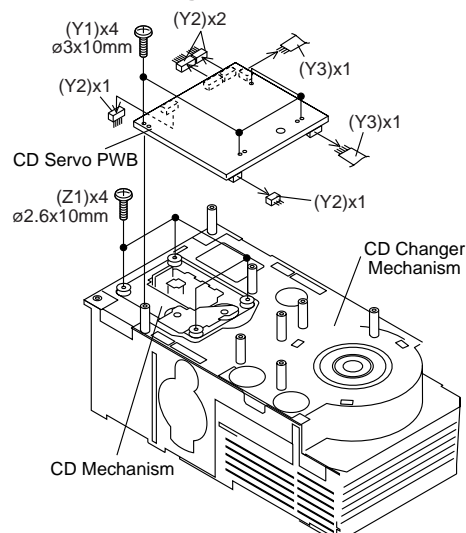


Figure 14-2

CP-RW5500H/CP-RW5500W

STEP	REMOVAL	PROCEDURE	FIGURE
1	Front Panel	1. Net (A1) x1 2. Catching Holder (A2) x4 3. Screw (A3) x4	14-3
2	Woofer/Sub Woofer	1. Screw (B1) x8	14-4
3	Tweeter	1. Screw (C1) x2	14-4

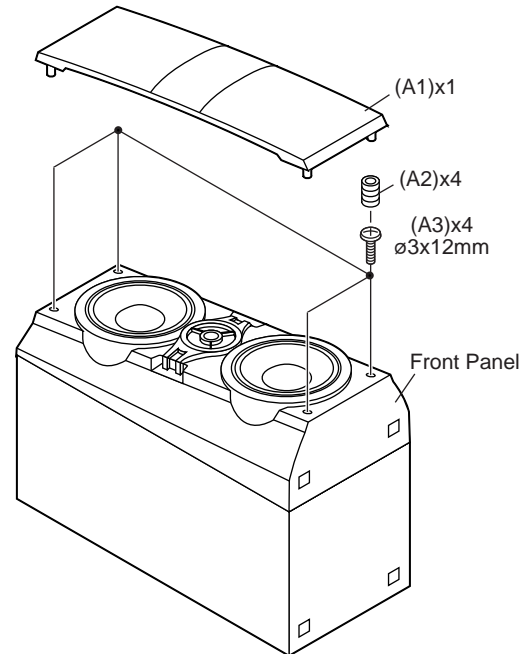


Figure 14-3

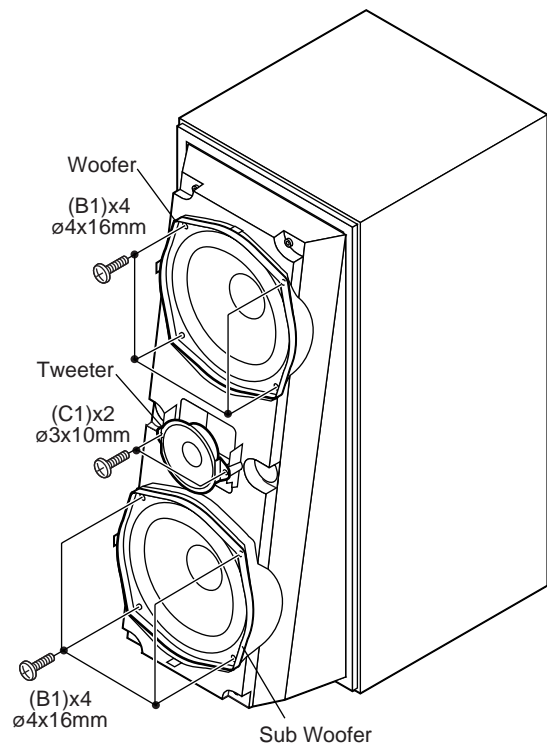


Figure 14-4

REMOVING AND REINSTALLING THE MAIN PARTS

TAPE MECHANISM SECTION

Perform steps 1 to 4 and 8 of the disassembly method to remove the tape mechanism.

How to remove the record/playback and erase heads (See Fig. 15-1)

1. When you remove the screws (A1) x 2 pcs., the recording/playback head and three-dimensional head of the erasing head can be removed.

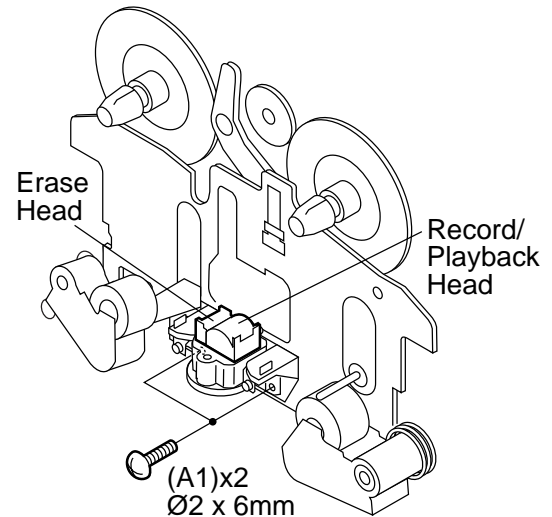


Figure 15-1

How to remove the pinch roller (See Fig. 15-2)

1. Carefully bend the pinch roller pawl in the direction of the arrow <A>, and remove the pinch roller (B1) x 2 pcs., in the direction of the arrow .

Note:

When installing the pinch roller, pay attention to the spring mounting position.

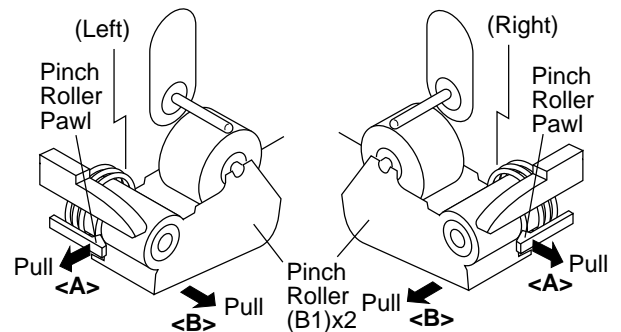


Figure 15-2

How to remove the belt (See Fig. 15-3)

1. Remove the motor.
2. Remove the main belt (C1) x 1 pc., from the motor side.
3. Remove the FF/REW belt (C2) x 1 pc.

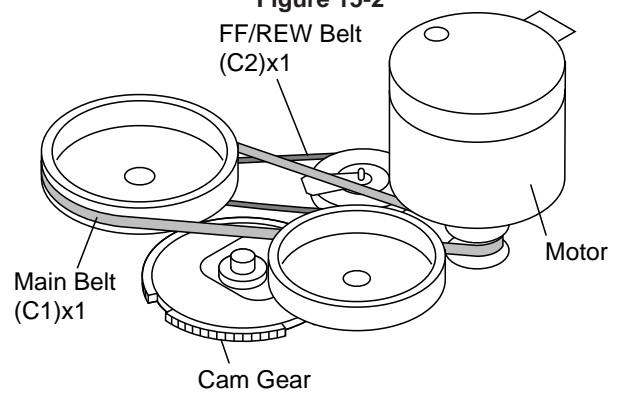


Figure 15-3

How to remove the motor (See Fig. 15-4)

1. Remove the belt.
2. Remove the screws (D1) x 2 pcs., to remove the motor.

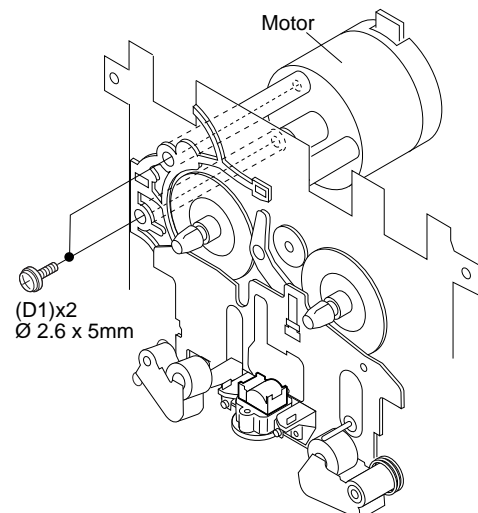


Figure 15-4

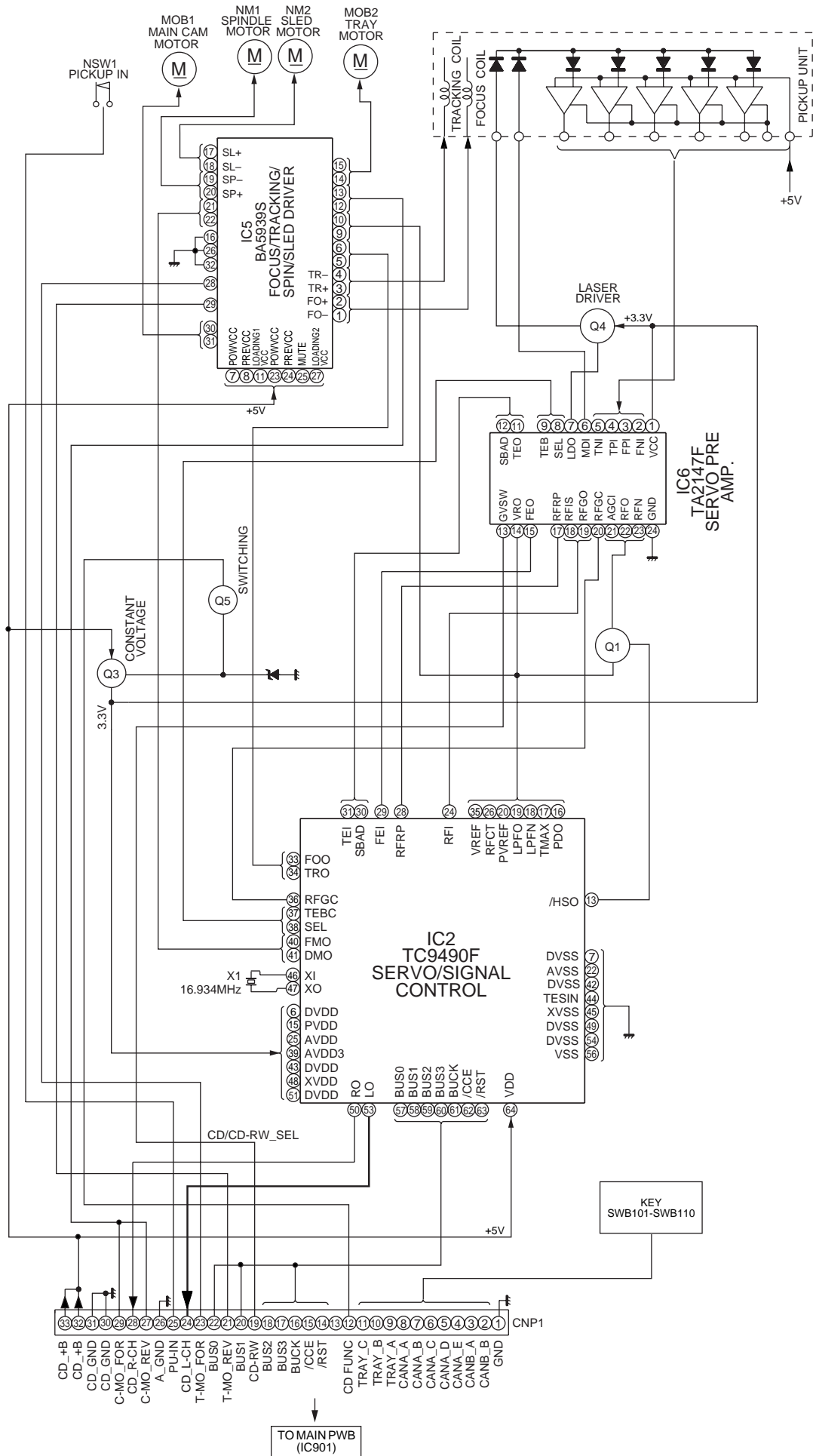


Figure 16 BLOCK DIAGRAM (1/6)

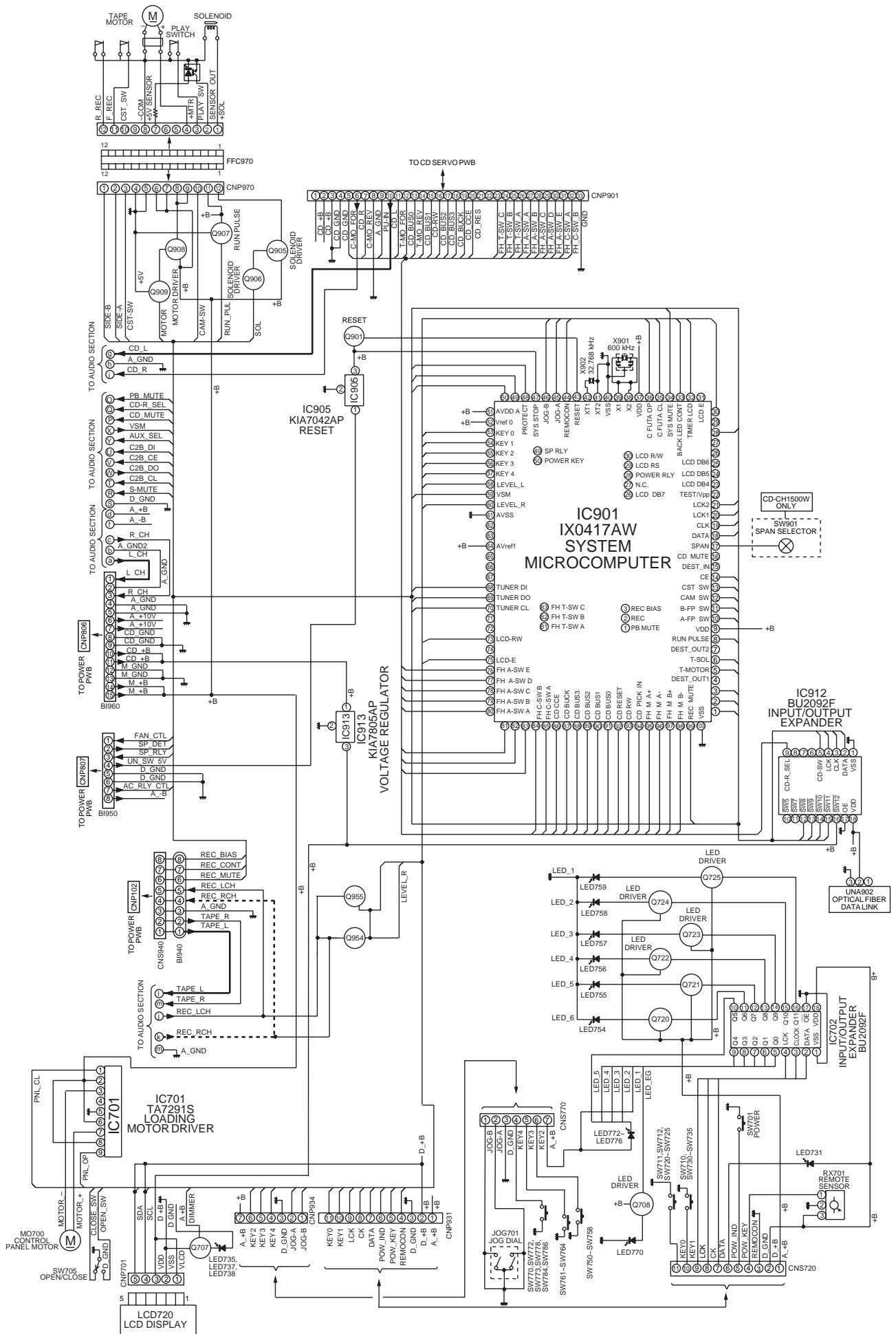


Figure 17 BLOCK DIAGRAM (2/6)

CD-CH1500H/CD-CH1500W

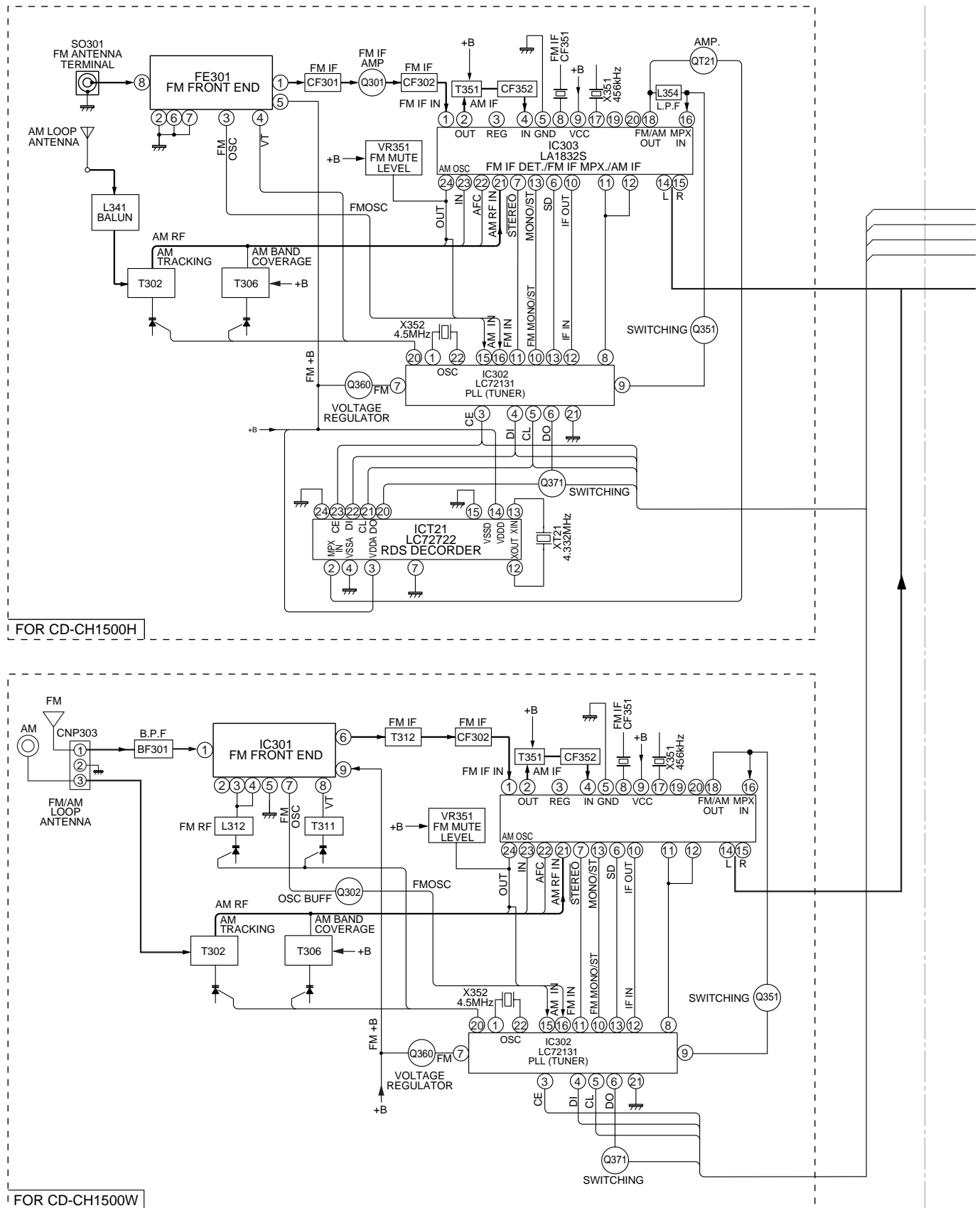


Figure 18 BLOCK DIAGRAM (3/6)

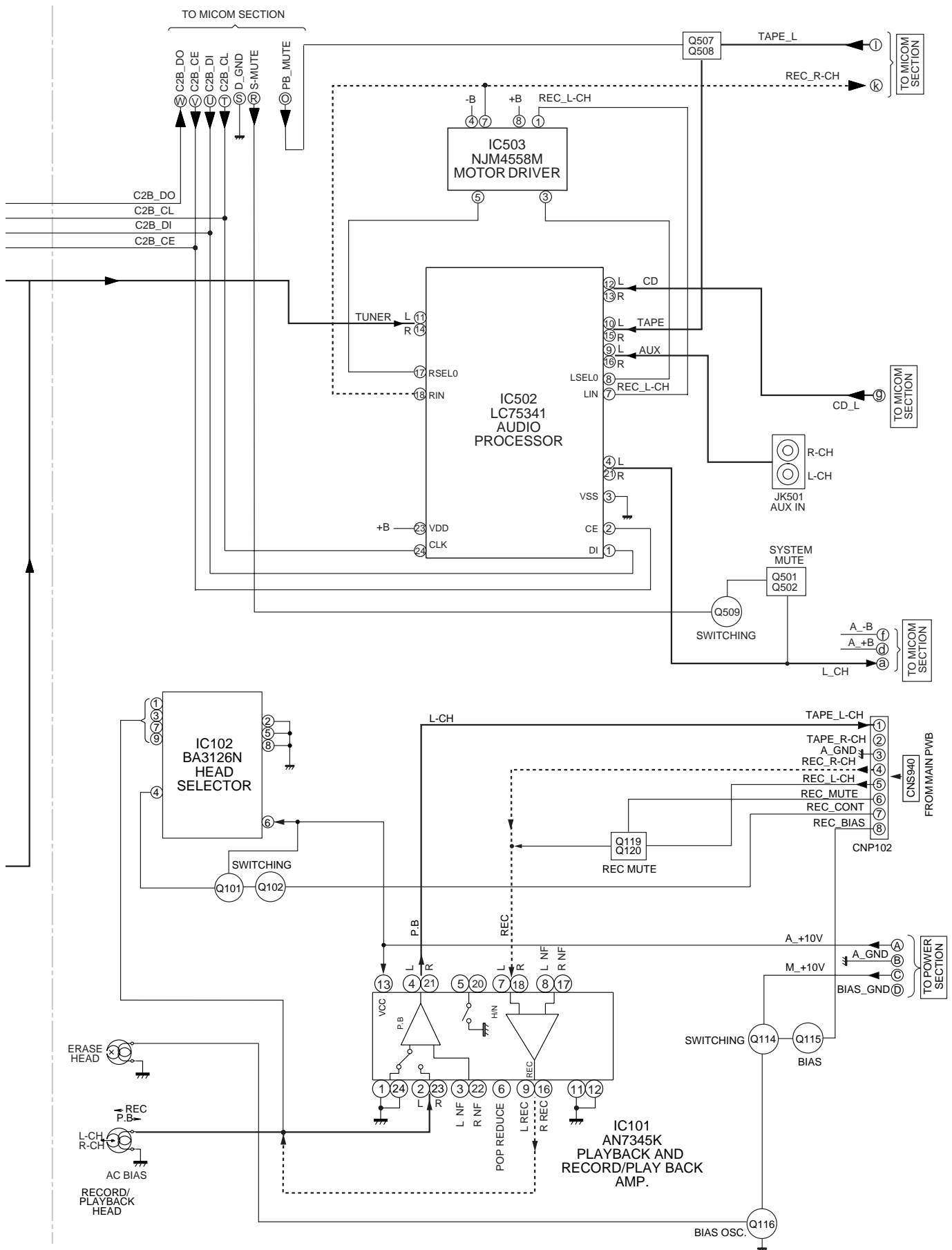


Figure 19 BLOCK DIAGRAM (4/6)

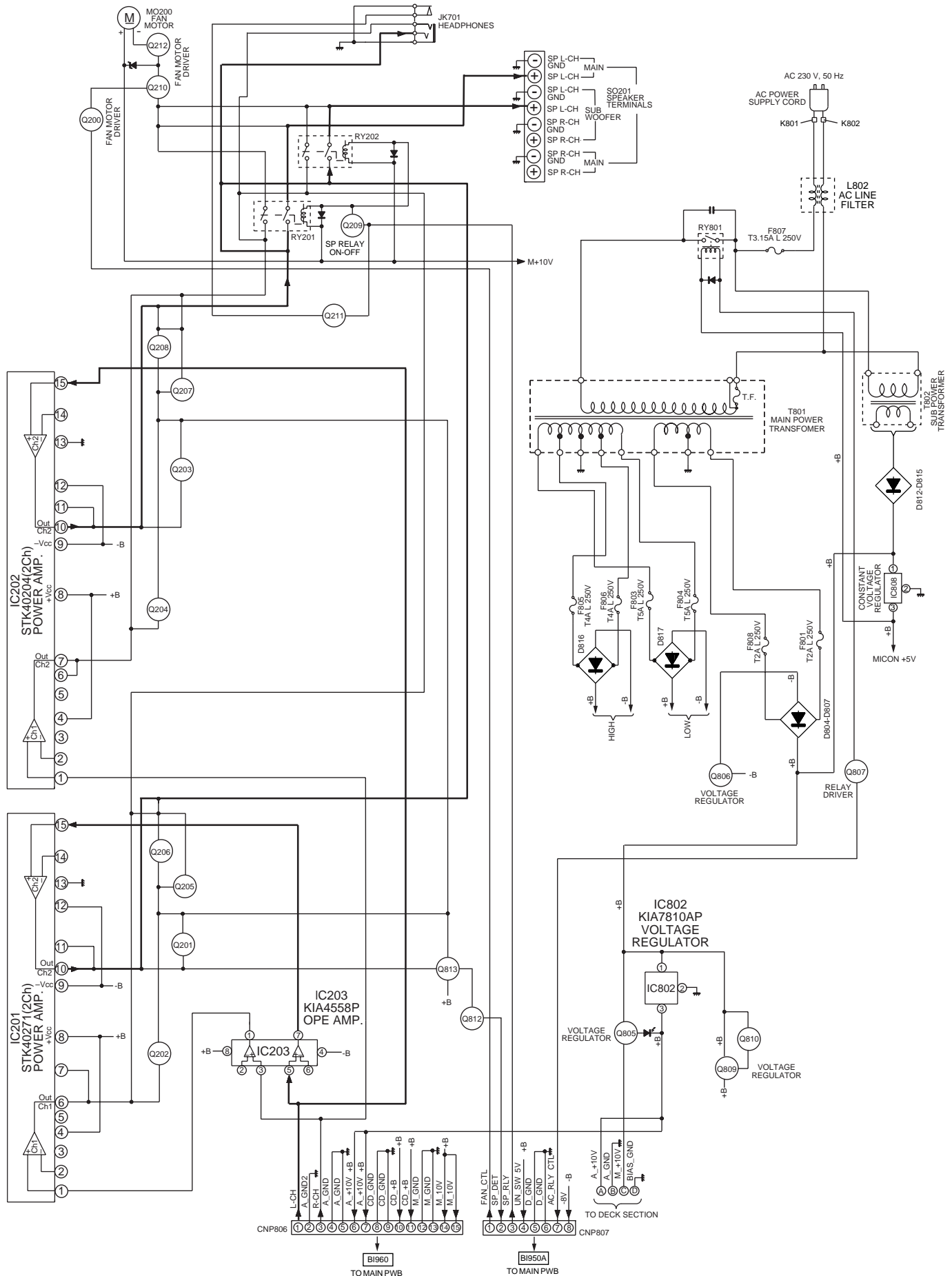


Figure 20 BLOCK DIAGRAM (5/6)

CD-CH1500W

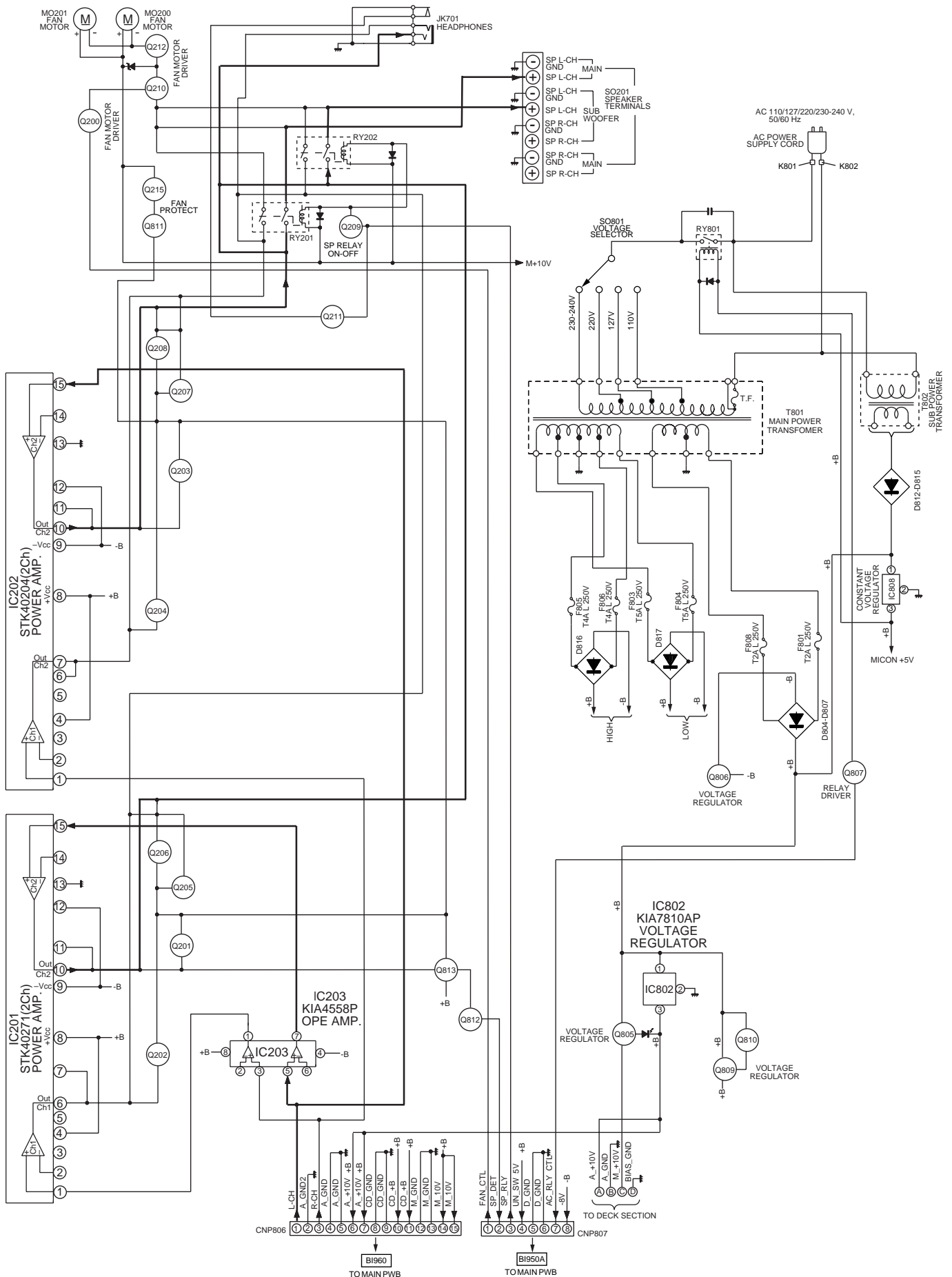


Figure 21 BLOCK DIAGRAM (6/6)

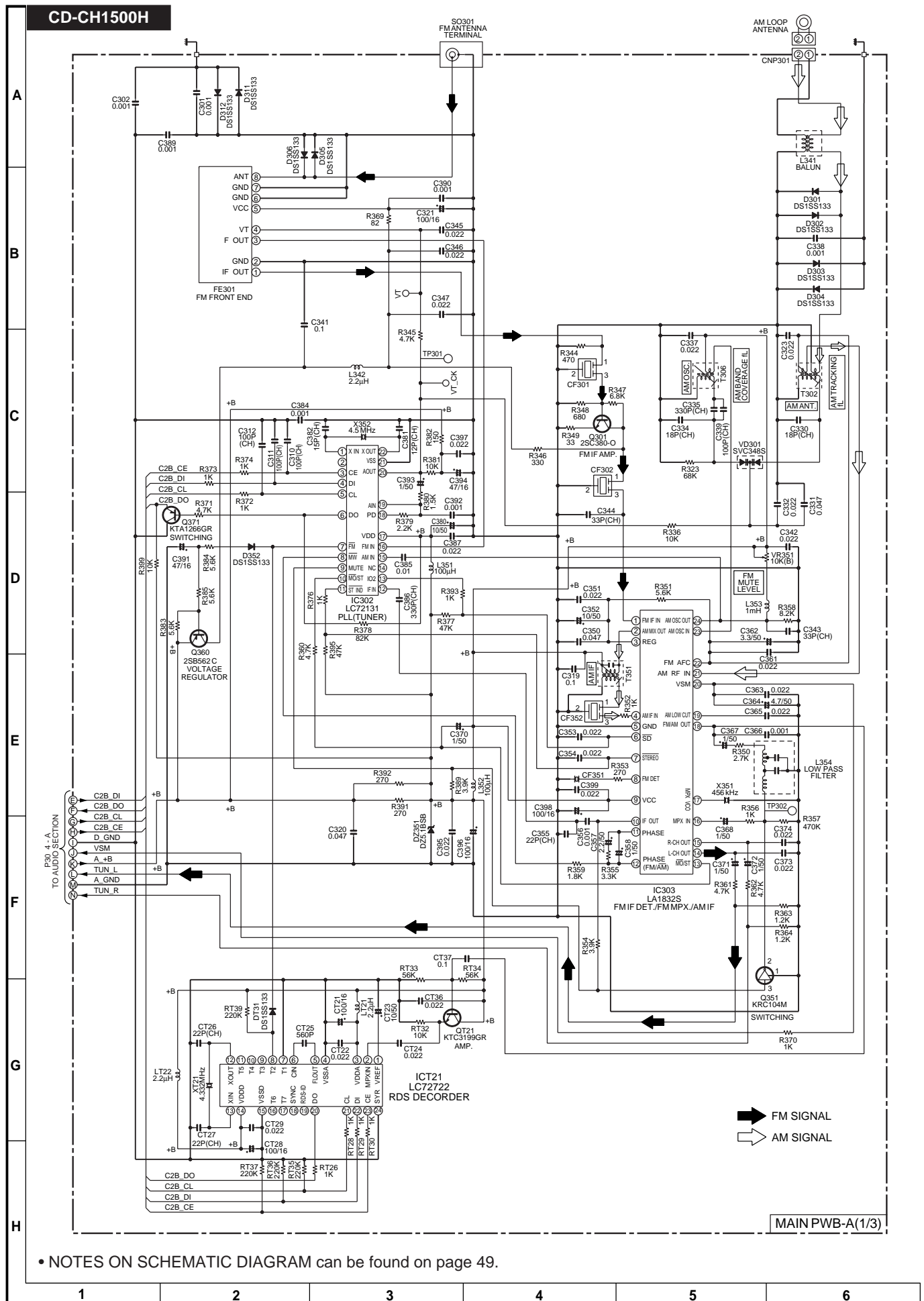


Figure 22 SCHEMATIC DIAGRAM (1/14)

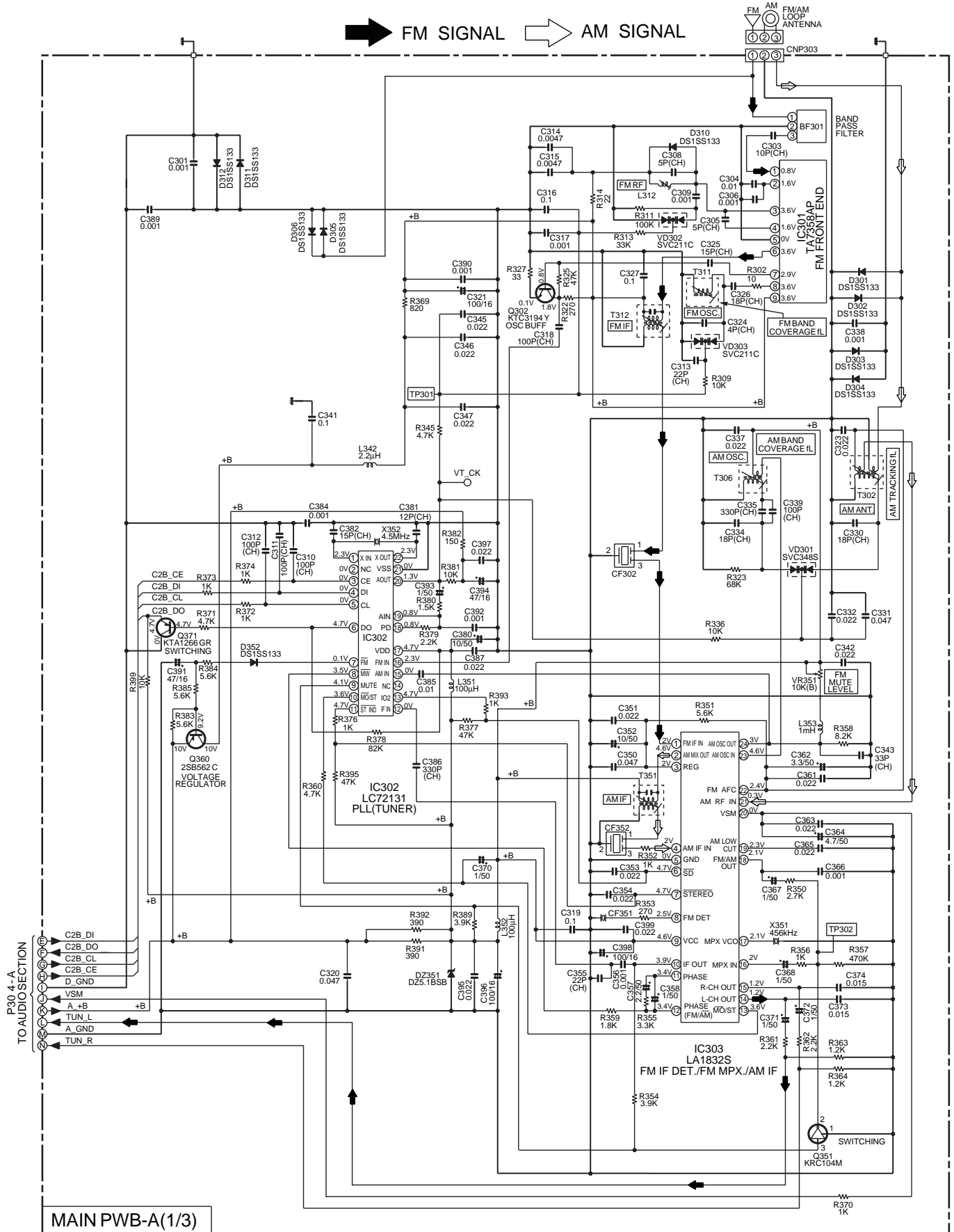


Figure 23 SCHEMATIC DIAGRAM (2/14)

H



- 24 -

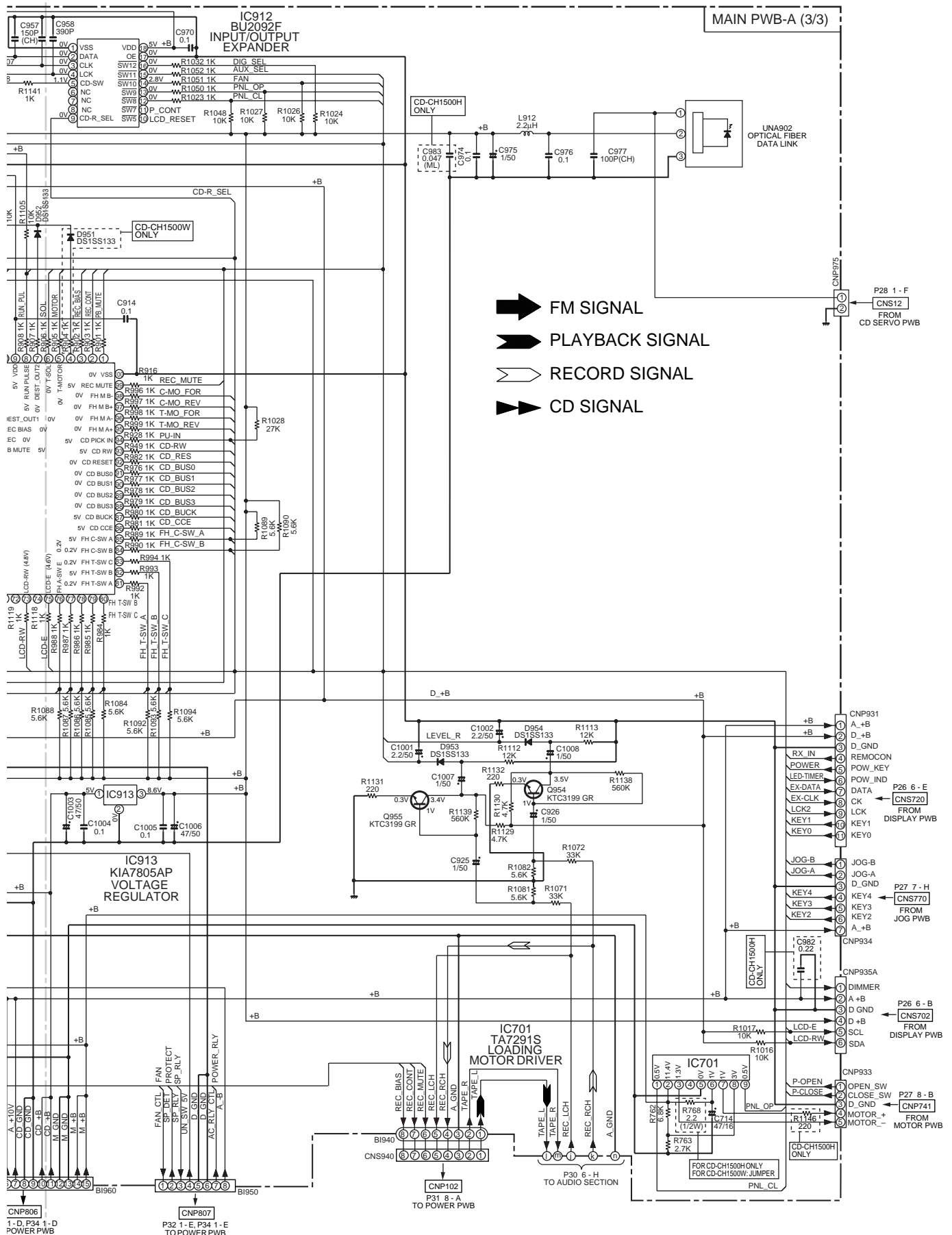


Figure 25 SCHEMATIC DIAGRAM (4/14)



- 26 -

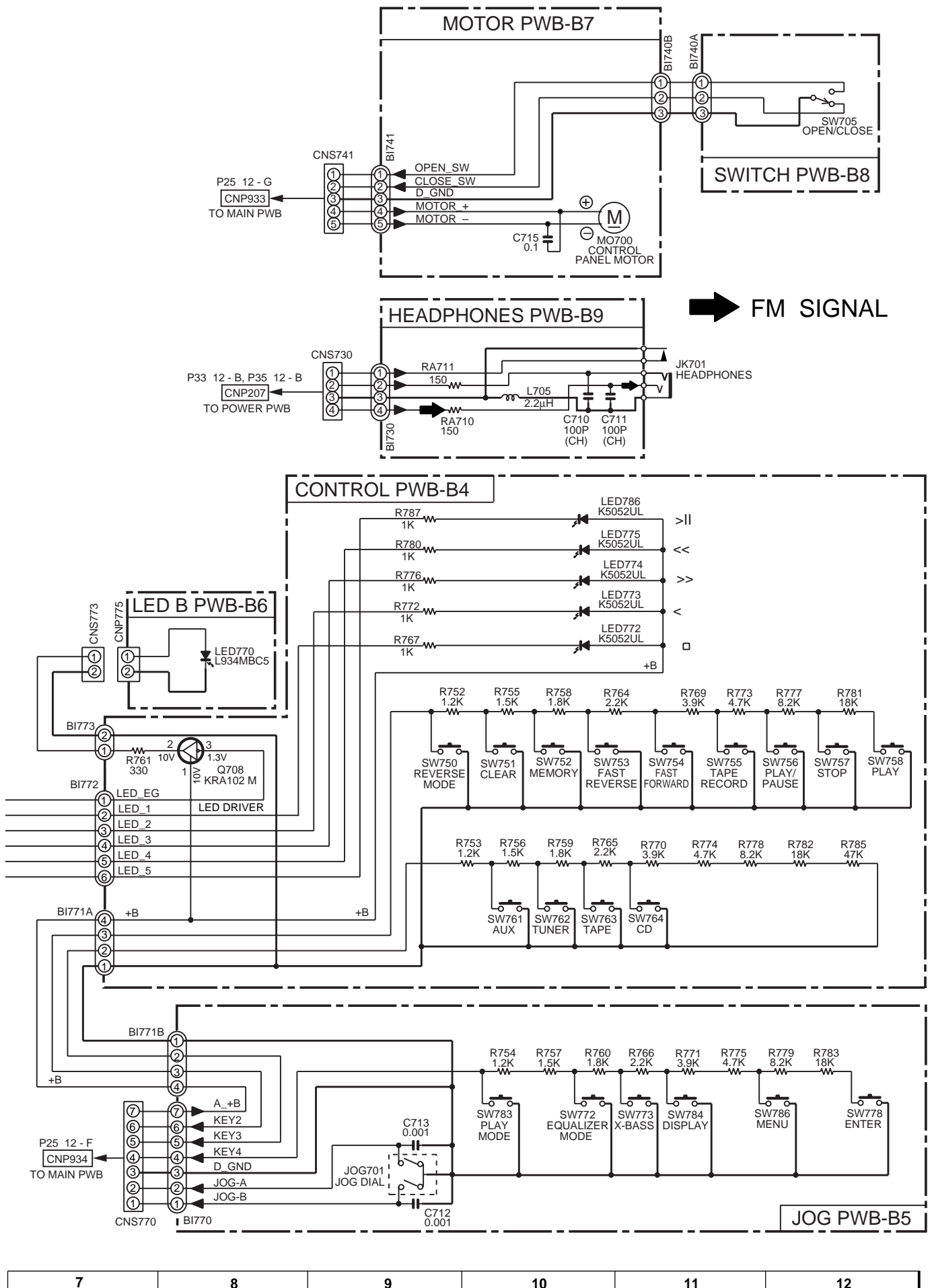


Figure 27 SCHEMATIC DIAGRAM (6/14)

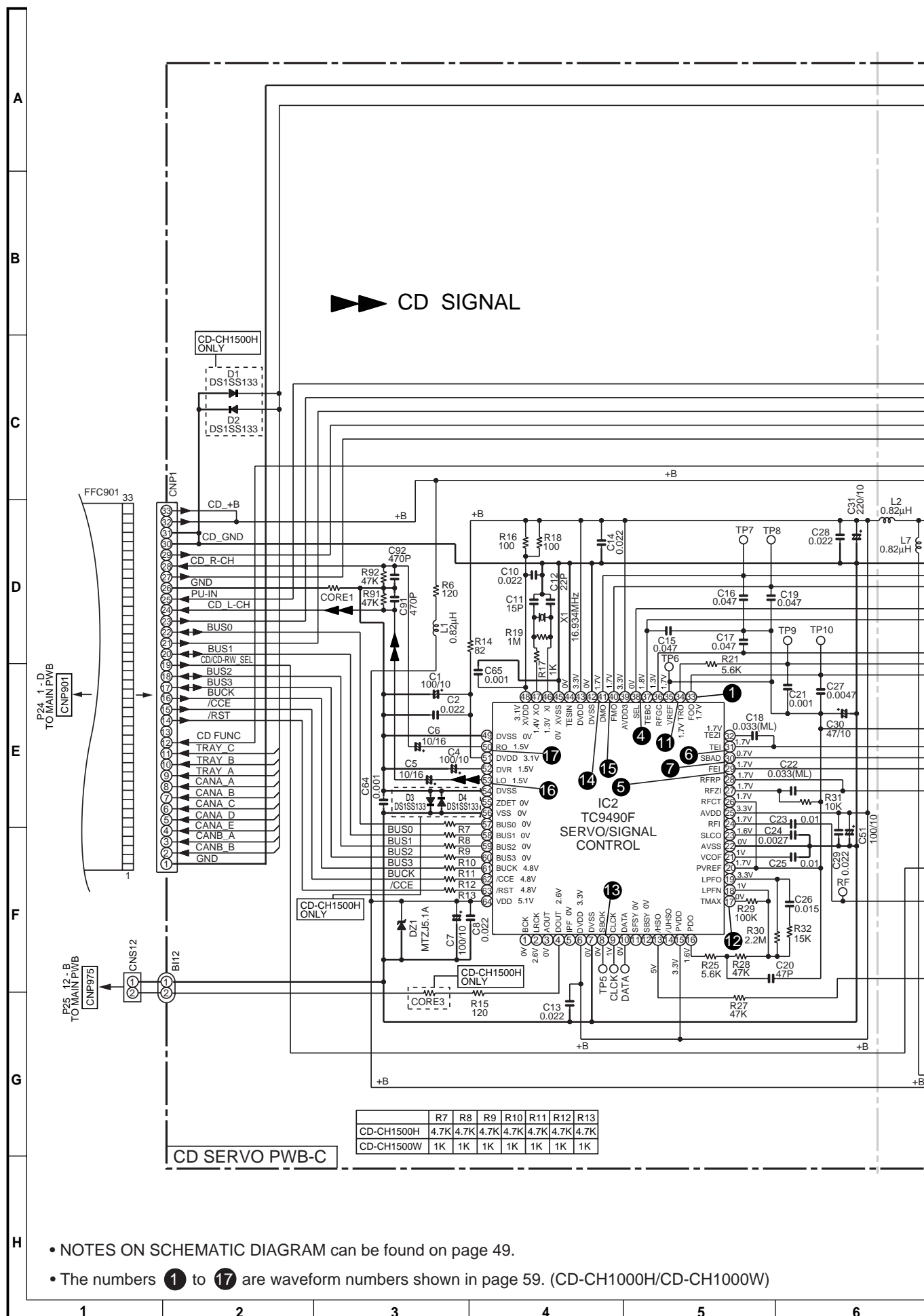


Figure 28 SCHEMATIC DIAGRAM (7/14)

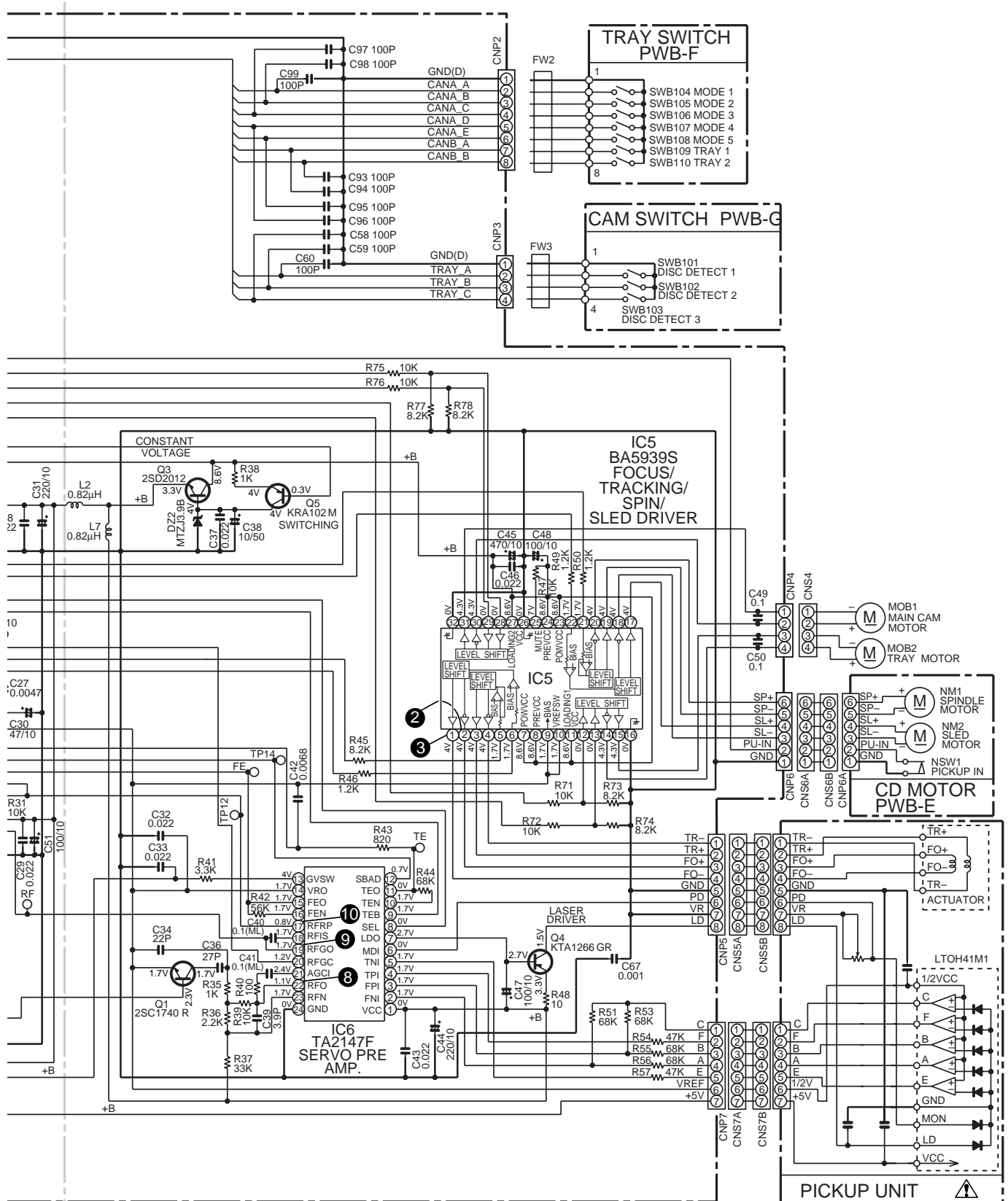
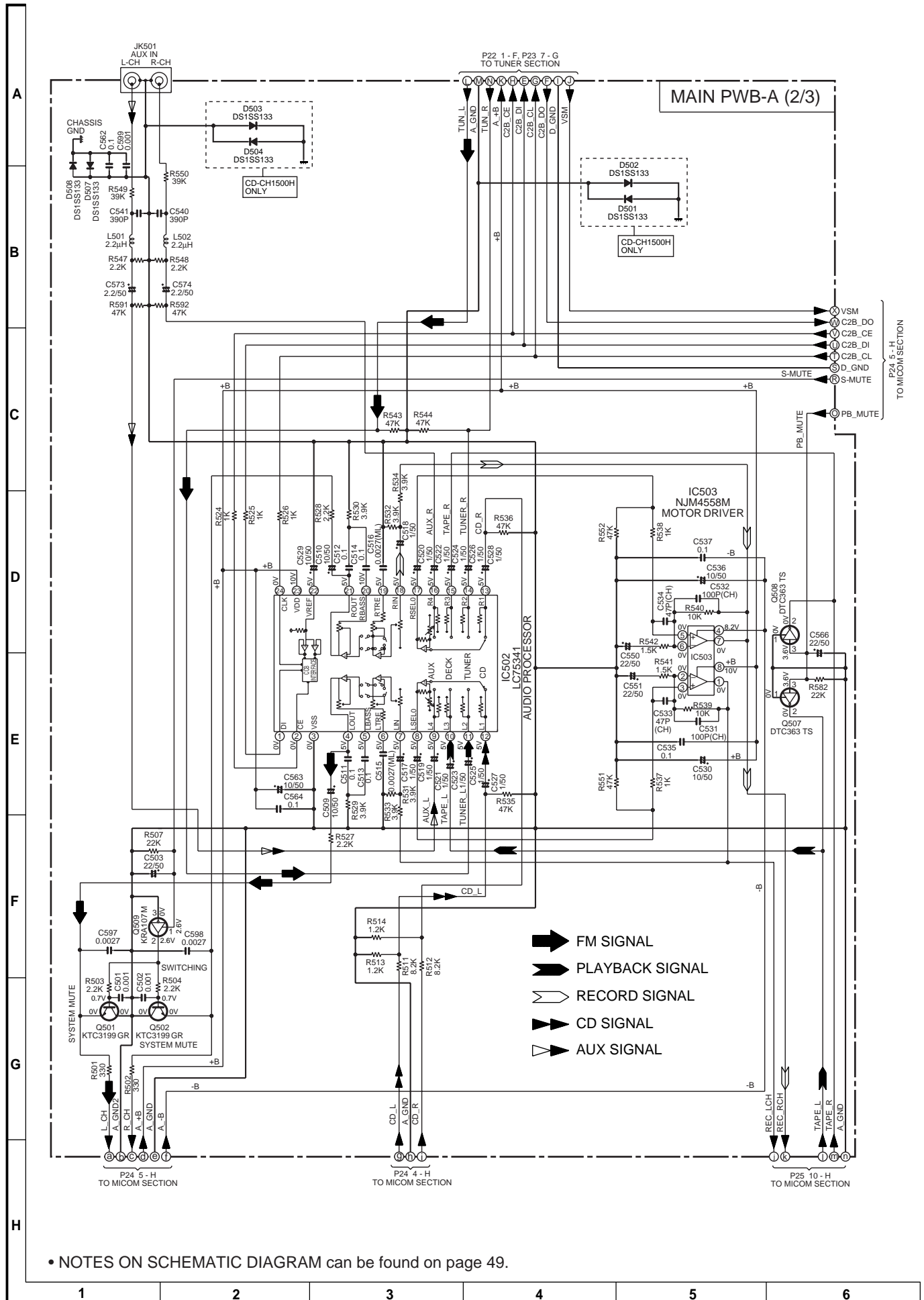
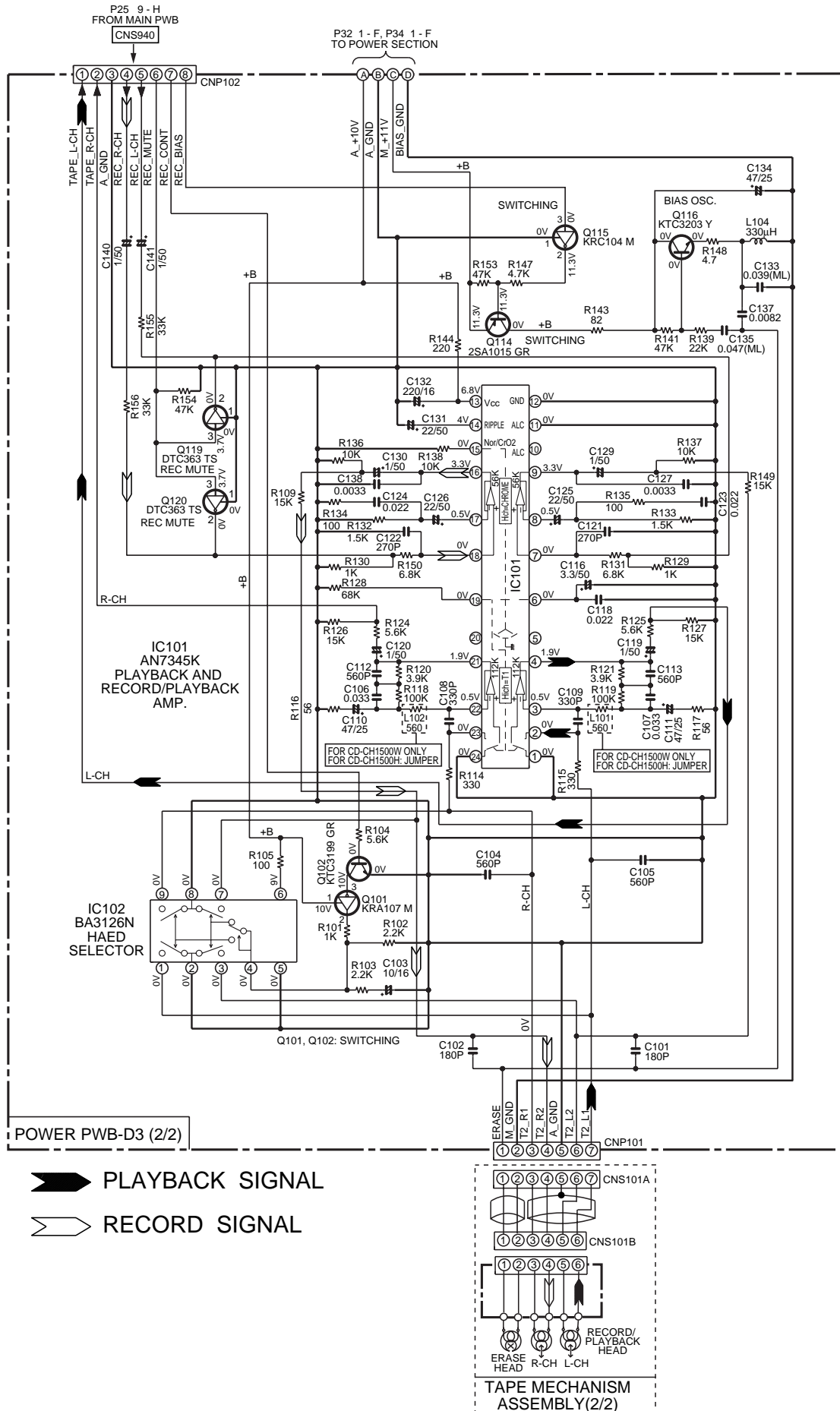


Figure 29 SCHEMATIC DIAGRAM (8/14)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 49.

Figure 30 SCHEMATIC DIAGRAM (9/14)





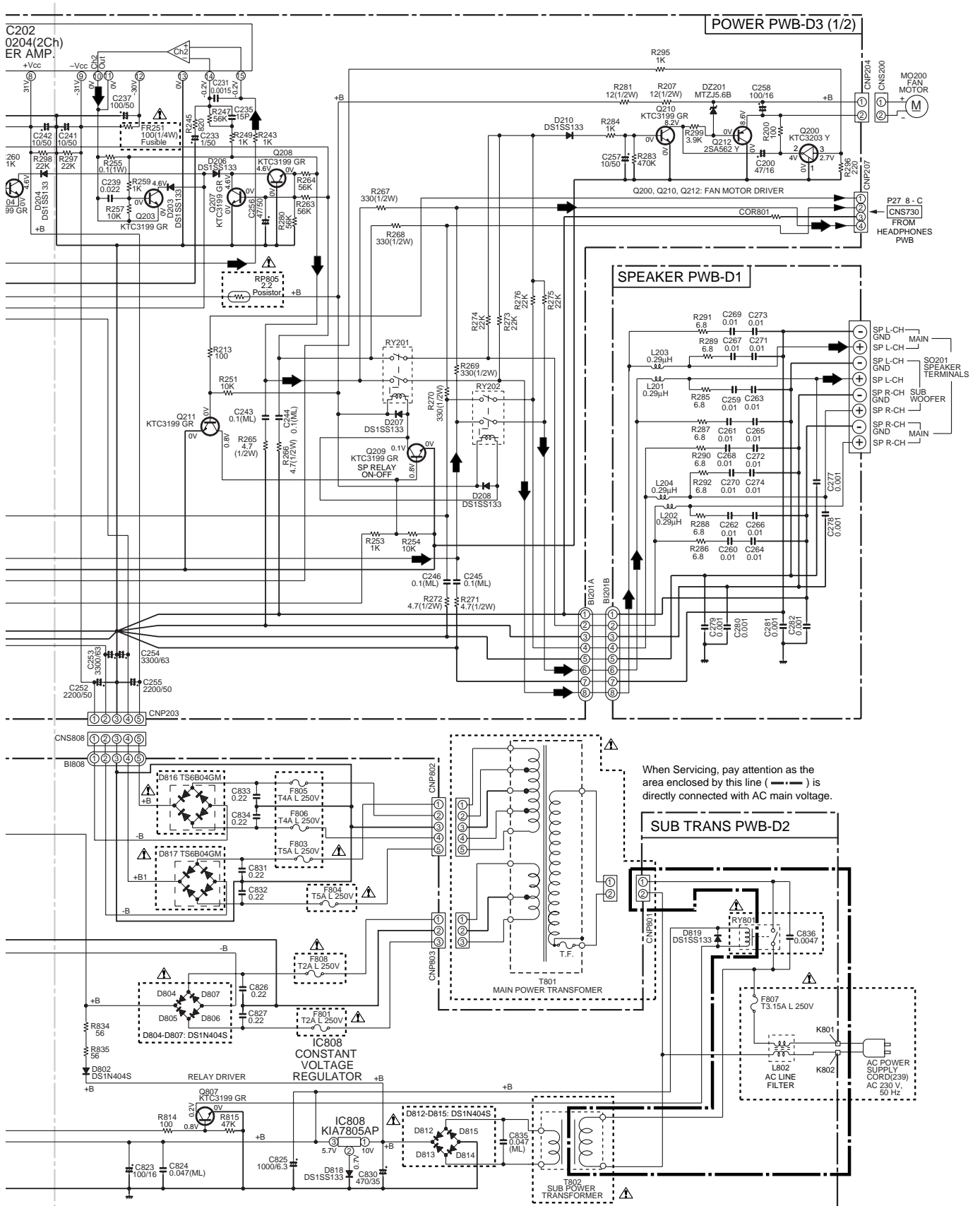
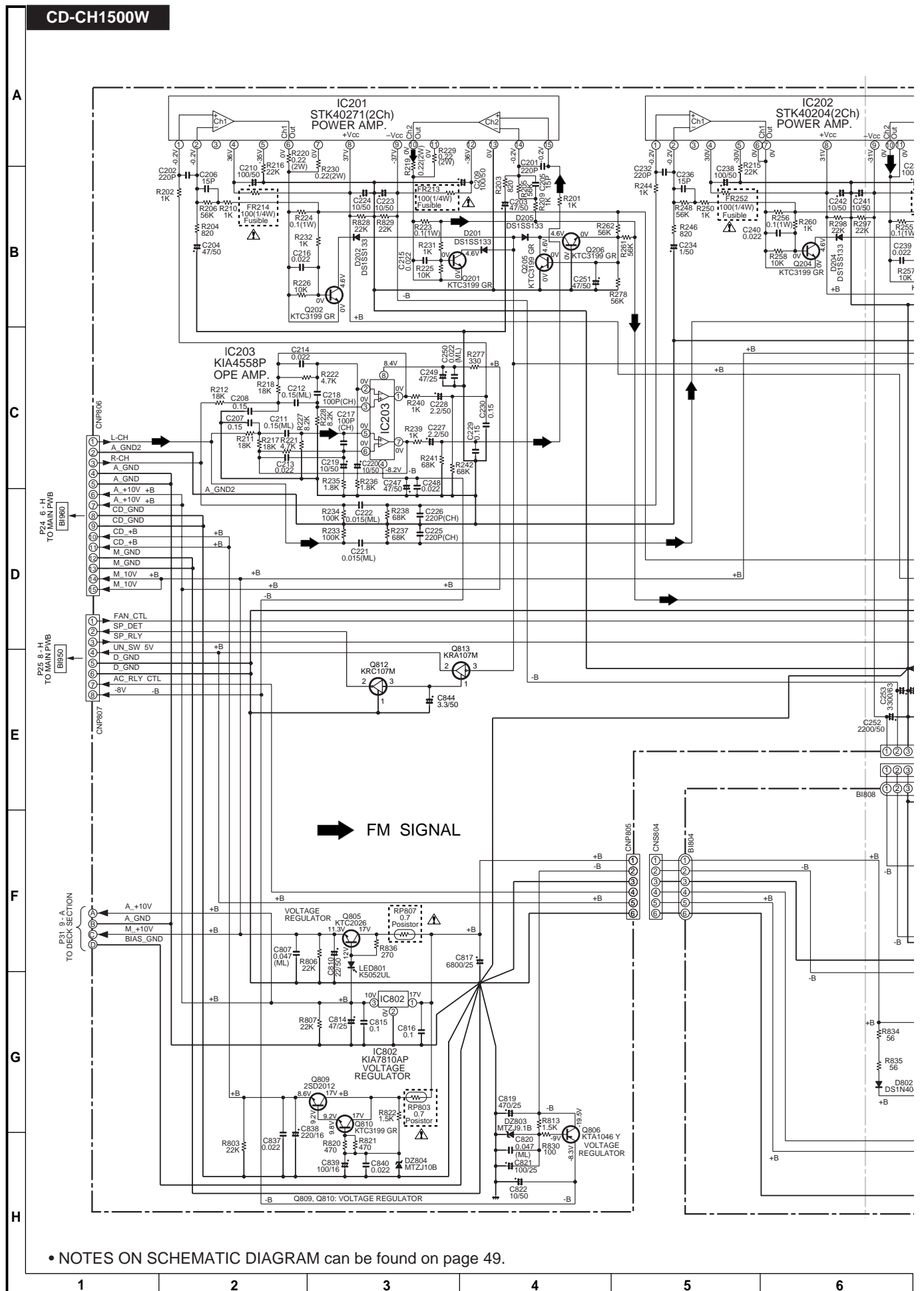


Figure 33 SCHEMATIC DIAGRAM (12/14)

CD-CH1500W



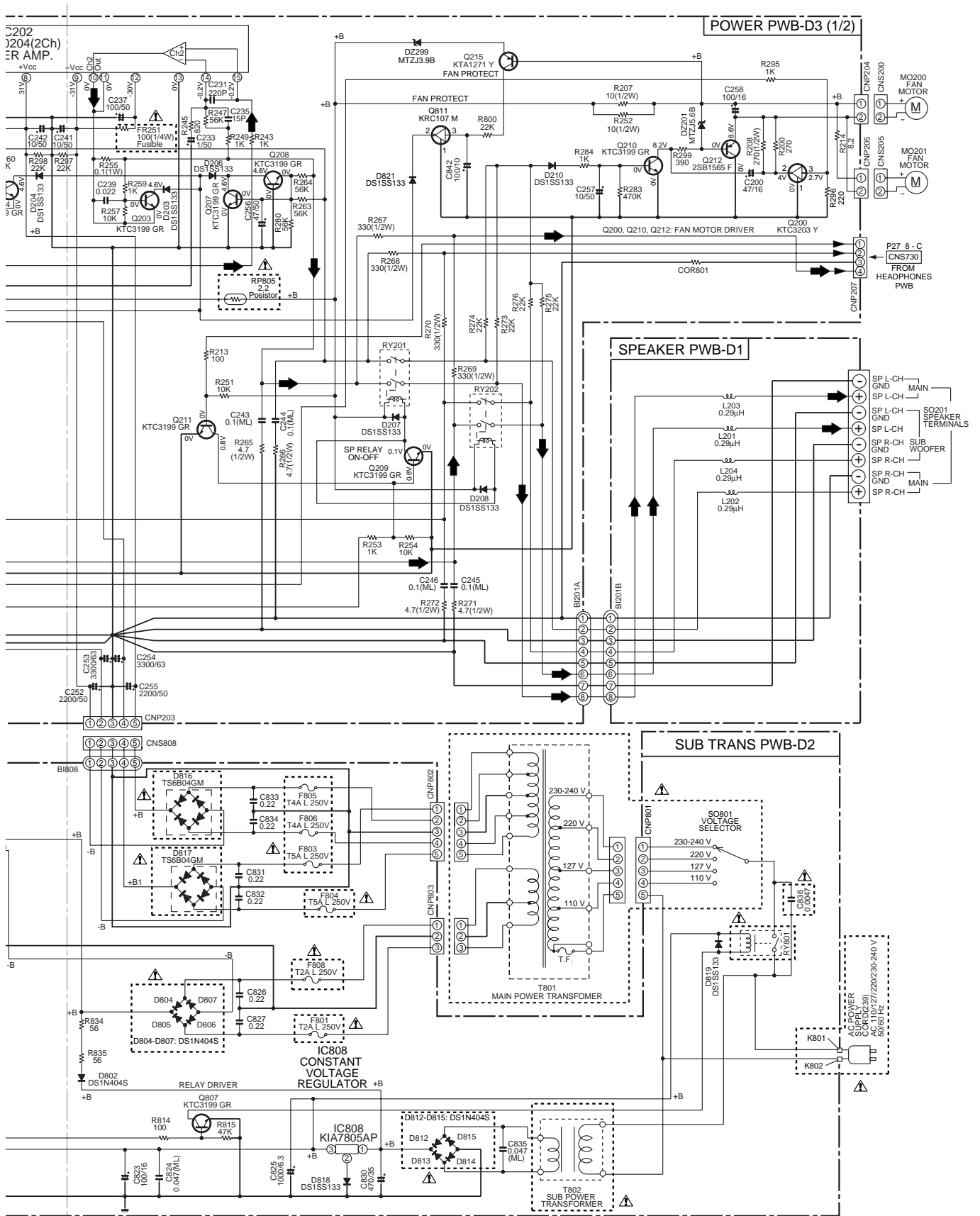


Figure 35 SCHEMATIC DIAGRAM (14/14)

- 36 -

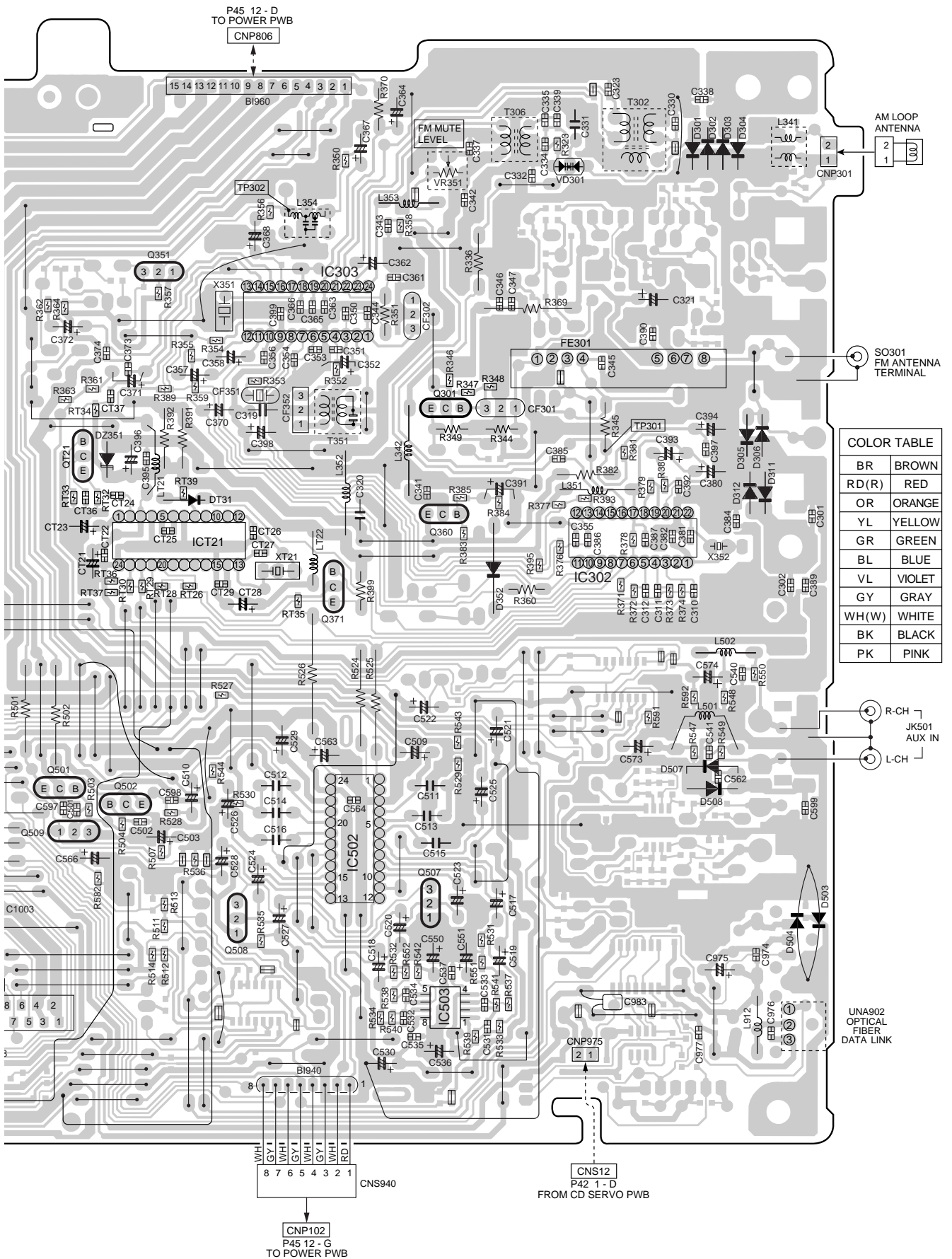


Figure 37 WIRING SIDE OF P.W.BOARD (2/13)

- 38 -

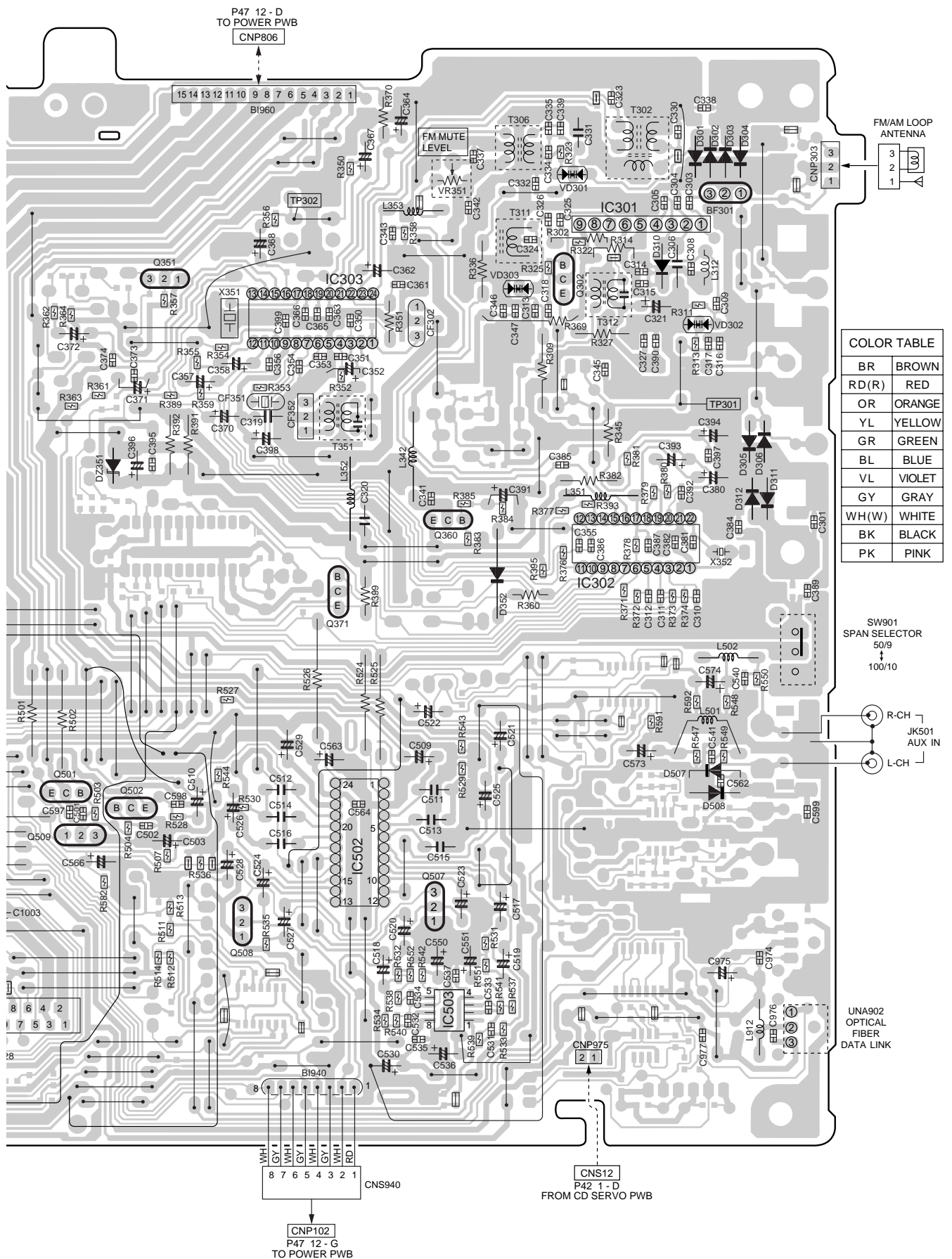


Figure 39 WIRING SIDE OF P.W.BOARD (4/13)



- 40 -

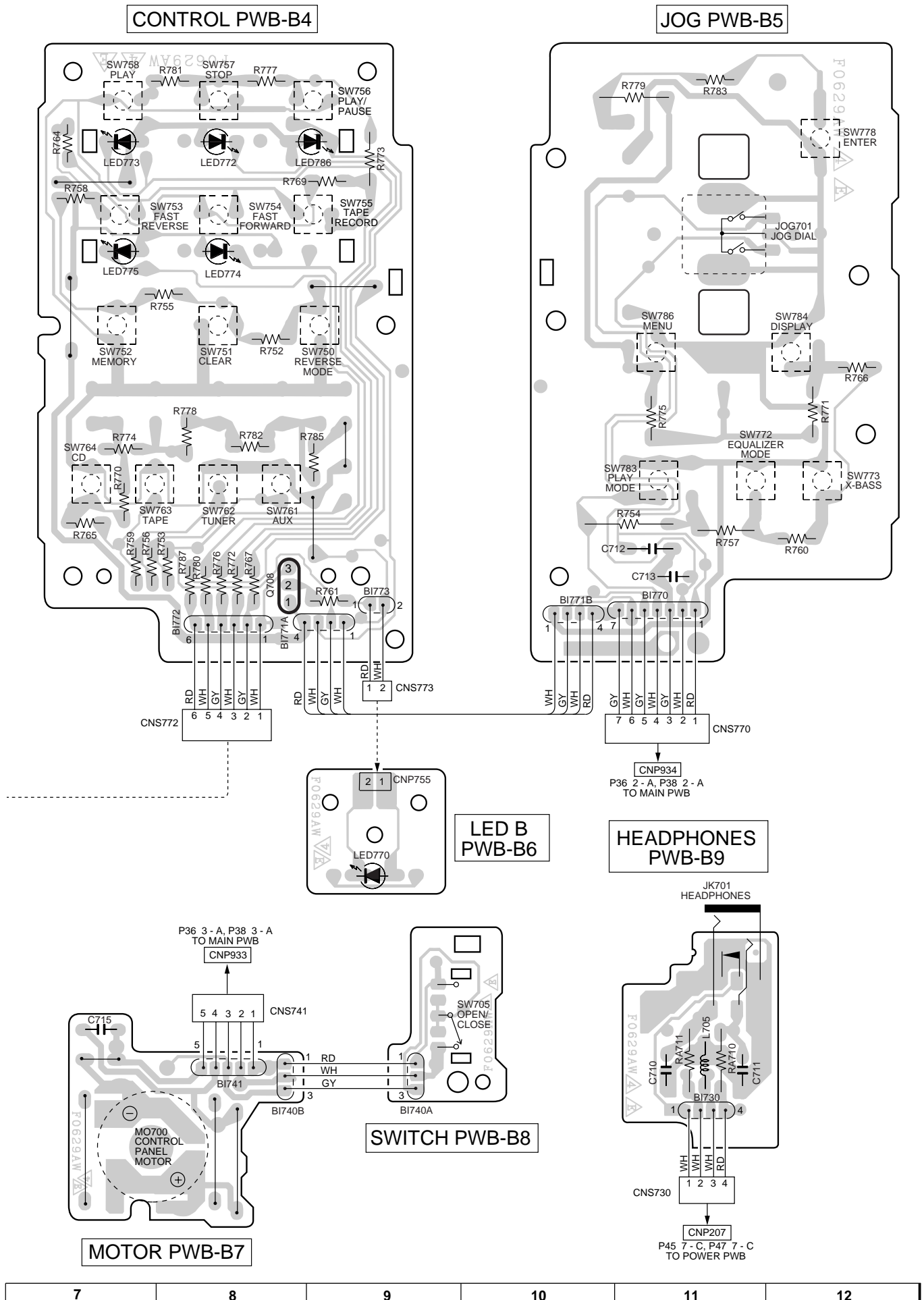
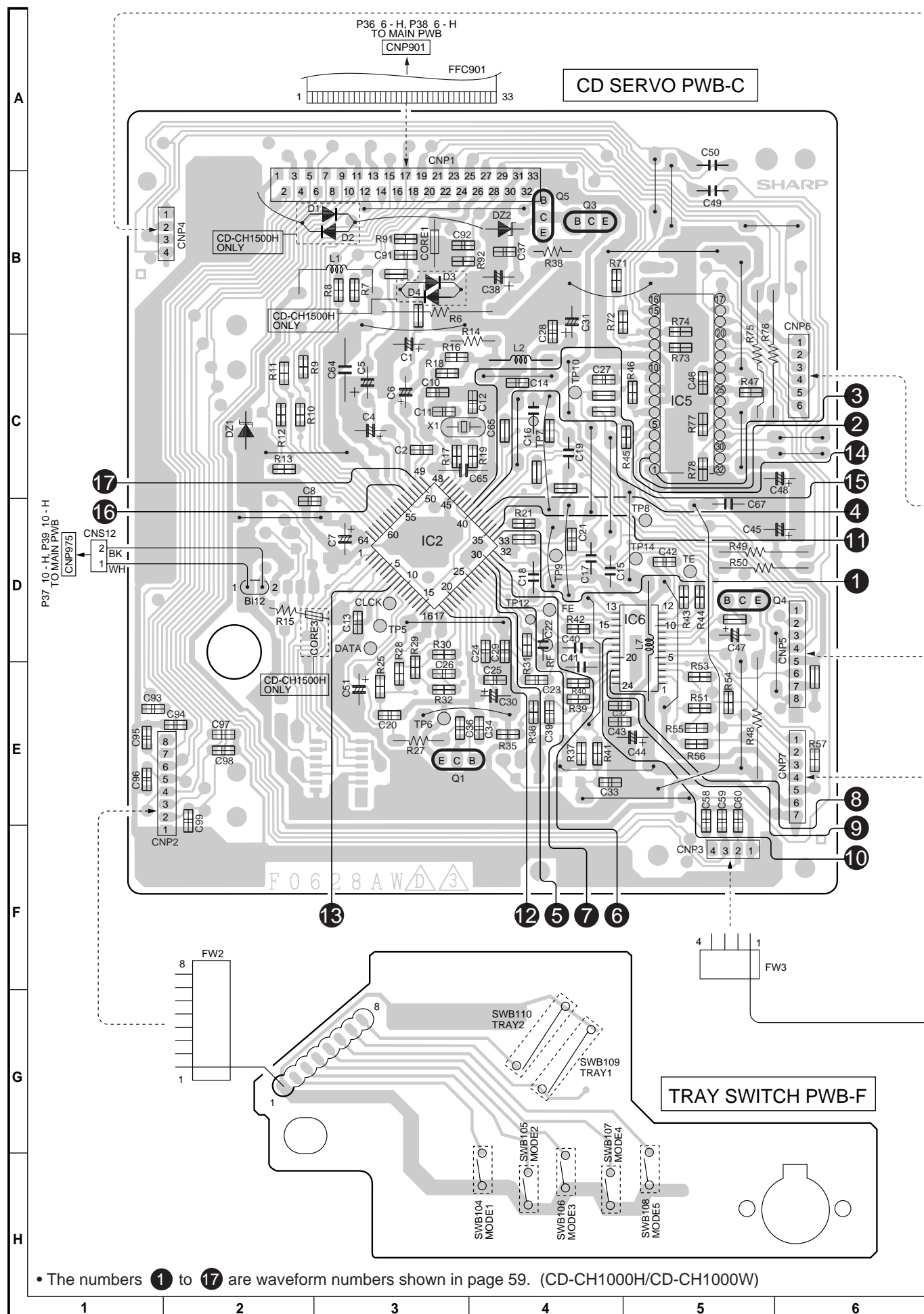


Figure 41 WIRING SIDE OF P.W.BOARD (6/13)



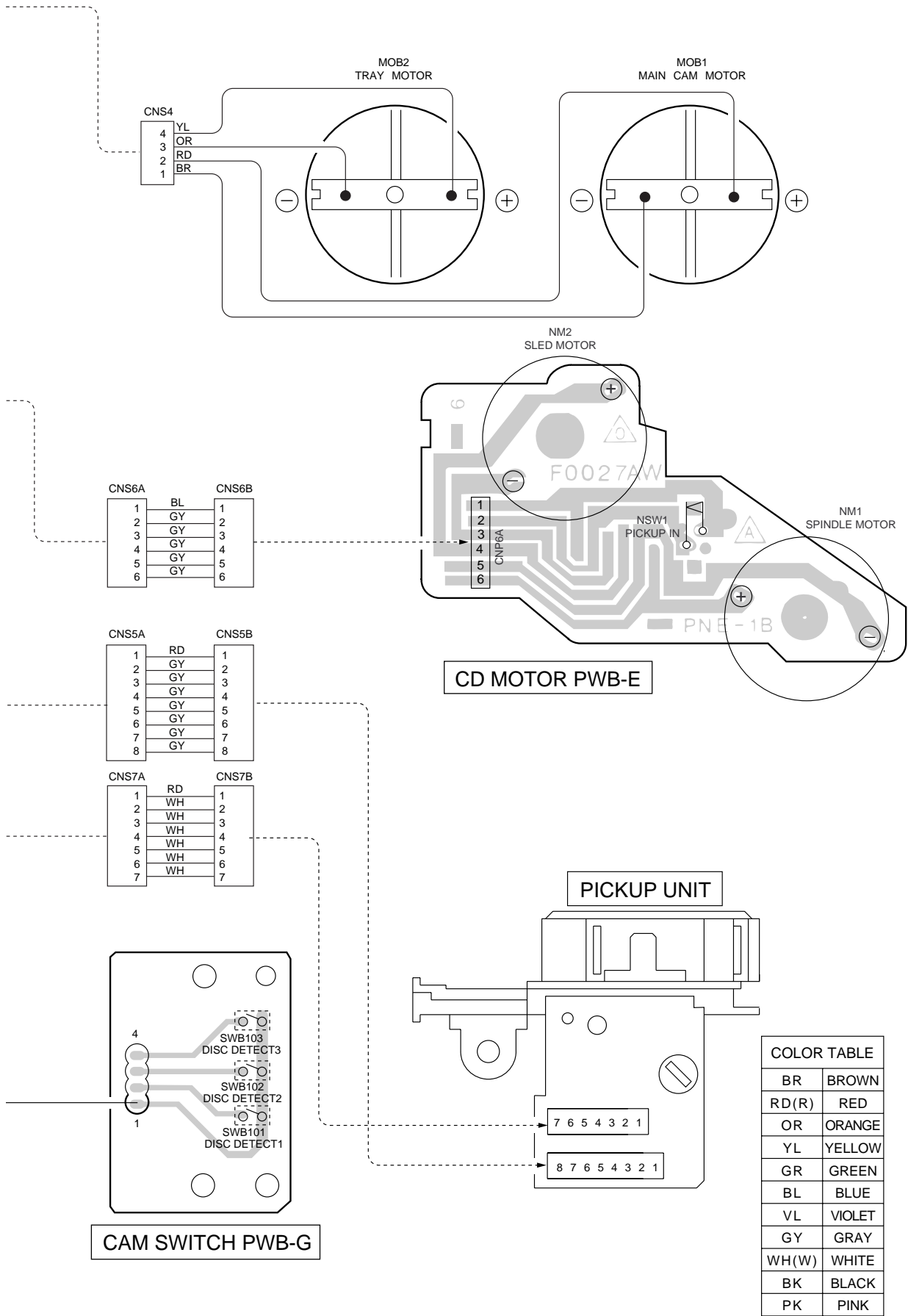


Figure 43 WIRING SIDE OF P.W.BOARD (8/13)

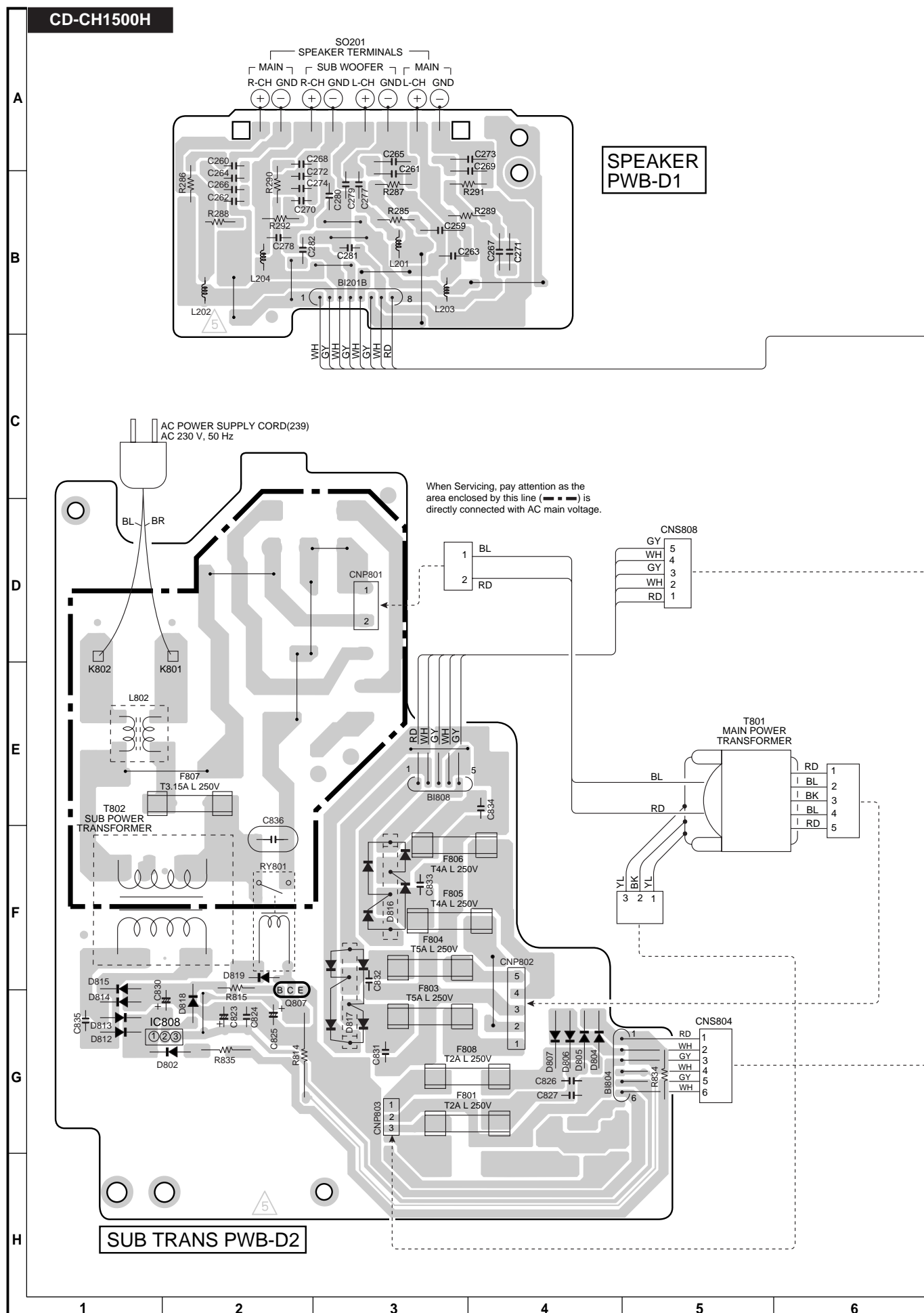
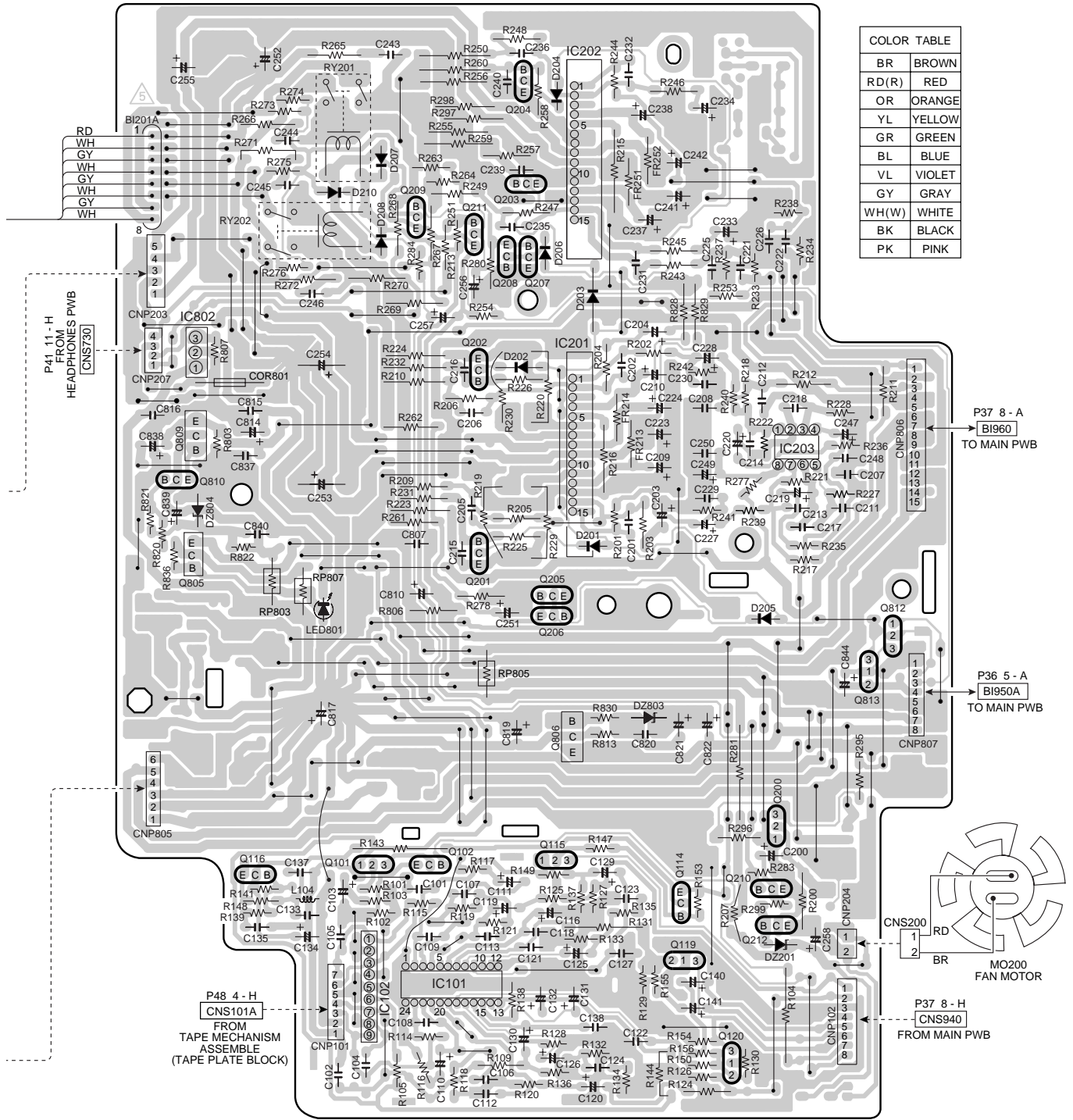


Figure 44 WIRING SIDE OF P.W.BOARD (9/13)

POWER PWB-D3



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

Figure 45 WIRING SIDE OF P.W.BOARD (10/13)

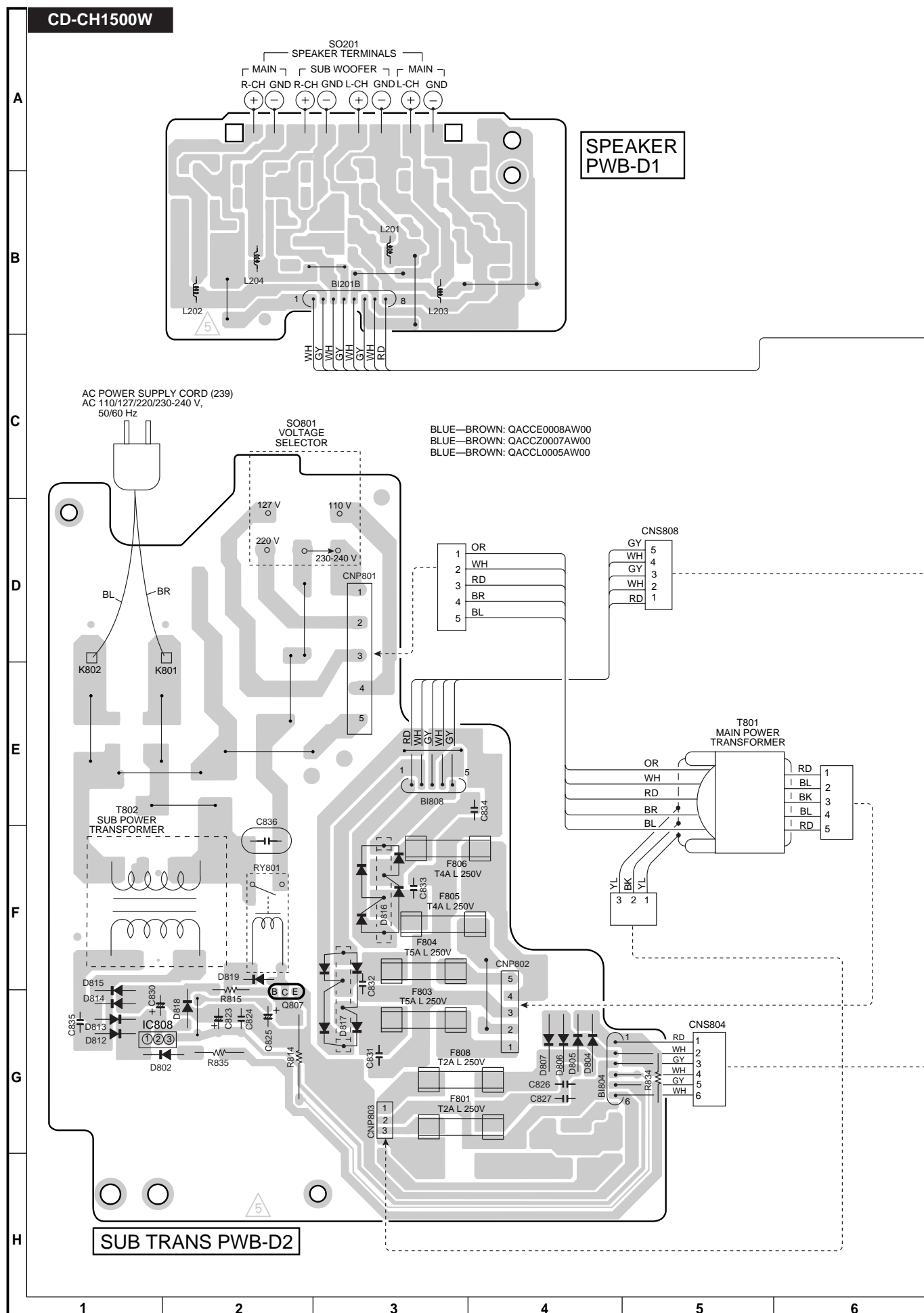


Figure 46 WIRING SIDE OF P.W.BOARD (11/13)

POWER PWB-D3

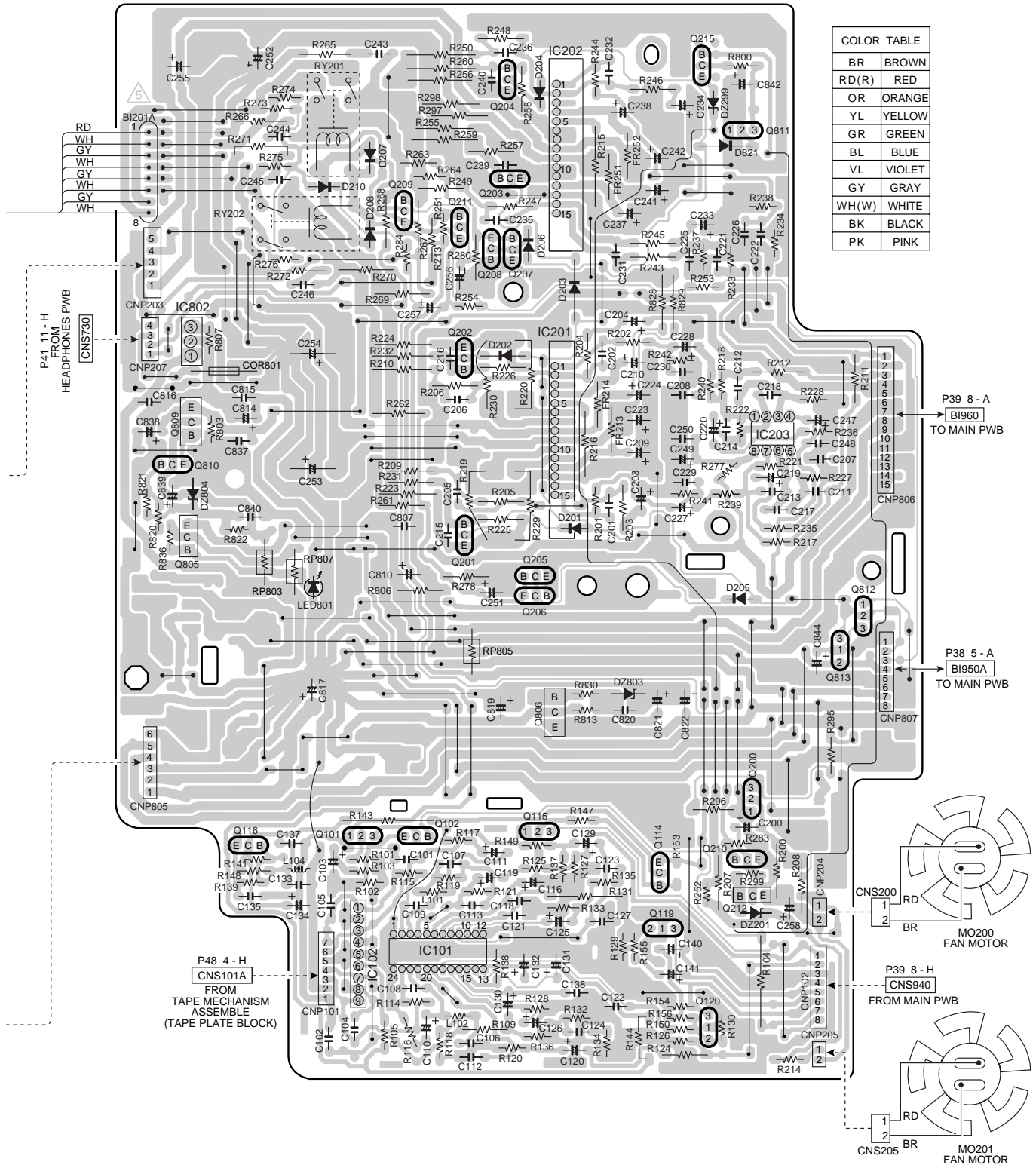



Figure 47 WIRING SIDE OF P.W.BOARD (12/13)

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NOTES ON SCHEMATIC DIAGRAM

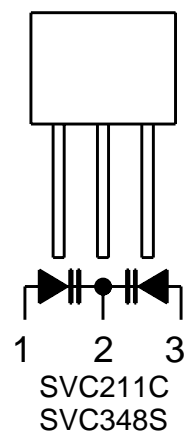
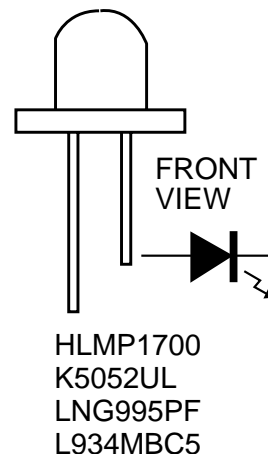
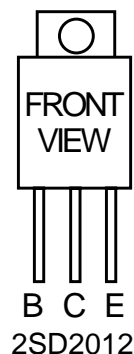
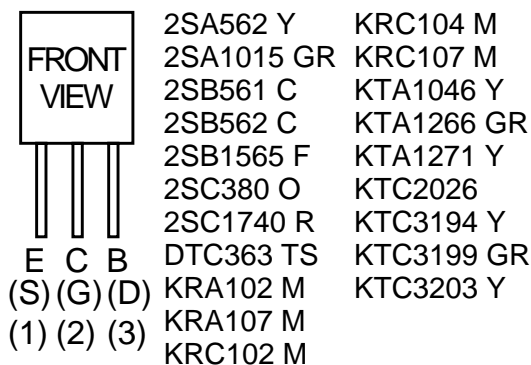
- **Resistor:**
To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.
- **Capacitor:**
To indicate the unit of capacitor, a symbol P is used: this symbol P means pico-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.
(CH), (TH), (RH), (UJ): Temperature compensation
(ML): Mylar type
(P.P.): Polypropylene type

- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
 1. In the tuner section, indicates FM stereo
 2. In the power section, a tape is being played back.
 3. In the CD section, the CD is stopped.
- Parts marked with "△" () are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SO801	VOLTAGE SELECTOR (CD-CH1500W ONLY)	110 V—127 V— 220 V—230-240 V
NSW1	PICKUP IN	ON—OFF
SW701	ON/STAND-BY	ON—OFF
SW705	OPEN/CLOSE	ON—OFF
SW710	PANEL OPEN/CLOSE	ON—OFF
SW711	VOLUME DOWN	ON—OFF
SW712	VOLUME UP	ON—OFF
SW720	CD 1 EJECT	ON—OFF
SW721	CD 2 EJECT	ON—OFF
SW722	CD 3 EJECT	ON—OFF
SW723	CD 4 EJECT	ON—OFF
SW724	CD 5 EJECT	ON—OFF
SW725	CD 6 EJECT	ON—OFF
SW730	CD 1 PLAY	ON—OFF
SW731	CD 2 PLAY	ON—OFF
SW732	CD 3 PLAY	ON—OFF
SW733	CD 4 PLAY	ON—OFF
SW734	CD 5 PLAY	ON—OFF
SW735	CD 6 PLAY	ON—OFF
SW750	REVERSE MODE	ON—OFF
SW751	CLEAR	ON—OFF
SW752	MEMORY	ON—OFF
SW753	FAST REVERSE	ON—OFF
SW754	FAST FORWARD	ON—OFF
SW755	TAPE RECORD	ON—OFF

REF. NO	DESCRIPTION	POSITION
SW756	PLAY/PAUSE	ON—OFF
SW757	STOP	ON—OFF
SW758	PLAY	ON—OFF
SW761	AUX	ON—OFF
SW762	TUNER	ON—OFF
SW763	TAPE	ON—OFF
SW764	CD	ON—OFF
SW772	EQUALIZER MODE	ON—OFF
SW773	X-BASS	ON—OFF
SW778	ENTER	ON—OFF
SW783	PLAY MODE	ON—OFF
SW784	DISPLAY	ON—OFF
SW786	MENU	ON—OFF
SW901	SPAN SELECTOR (CD-CH1500W ONLY)	9 kHz/50 kHz— 10 kHz/100 kHz
SWB101	DISC DETECT 1	ON—OFF
SWB102	DISC DETECT 2	ON—OFF
SWB103	DISC DETECT 3	ON—OFF
SWB104	MODE 1	ON—OFF
SWB105	MODE 2	ON—OFF
SWB106	MODE 3	ON—OFF
SWB107	MODE 4	ON—OFF
SWB108	MODE 5	ON—OFF
SWB109	TRAY 1	ON—OFF
SWB110	TRAY 2	ON—OFF

TYPES OF TRANSISTOR AND LED



FUNCTION TABLE OF IC

IC2 VHiTC9490F/-1: Servo/Signal Control (TC9490F) (1/2)

Pin No.	Terminal Name	Input/Output	Function															
1*	BCK	Output	Bit clock output terminal. 32 fs, 48 fs or 64 fs can be selected by command.															
2*	LRCK	Output	L/R channel clock output terminal. L channel: "L", R channel: "H". the output polarity can be inverted by command.															
3*	AOUT	Output	Audio data output terminal. MSB/LSB fast can be selected by command.															
4	DOUT	Output	Digital out output terminal. Up to double speed can be output.															
5*	IPF	Output	Correction flag output terminal. When the correction impossible symbol appears if the AOUT output corresponds to the C2 correction output: "H".															
6	DVDD	Input	Digital 3.3 V power supply terminal.															
7	DVSS	—	Digital GND terminal.															
8*	SBOK	Output	Subcode Q data CRCC decision result output terminal. When the decision result is OK: "H".															
9*	CLCK	Input/Output	Clock input/output terminal for subcodes P-W data reading. The input/output polarity can be selected by command.															
10*	DATA	Output	Subcodes P-W data output terminal.															
11*	SFSY	Output	Playback system frame sync signal output terminal.															
12*	SBSY	Output	Subcode block sync output terminal. In the S1 position when the subcode sync is detected: "H".															
13,14*	/HSO,/UHSO	Output	Playback speed mode flag output terminal. <table><tr><td>/UHSO</td><td>/HSO</td><td>Playback speed</td></tr><tr><td>H</td><td>H</td><td>Normal speed playback</td></tr><tr><td>H</td><td>L</td><td>Double speed playback</td></tr><tr><td>L</td><td>L</td><td>4-time speed playback</td></tr><tr><td>—</td><td>—</td><td>—</td></tr></table>	/UHSO	/HSO	Playback speed	H	H	Normal speed playback	H	L	Double speed playback	L	L	4-time speed playback	—	—	—
/UHSO	/HSO	Playback speed																
H	H	Normal speed playback																
H	L	Double speed playback																
L	L	4-time speed playback																
—	—	—																
15	PVDD	Input	3.3 V power supply terminal for PLL system.															
16	PDO	Output	EFM signal/PLCK signal phase error signal output terminal.															
17	TMAX	Output	TMAX detection result output terminal. <table><tr><td>TMAX detection result</td><td>TMAX output</td></tr><tr><td>Longer than the specified period</td><td>"PVDD3"</td></tr><tr><td>Within the specified period</td><td>"Hi-z"</td></tr><tr><td>Shorter than the specified period</td><td>"AVSS3"</td></tr></table>	TMAX detection result	TMAX output	Longer than the specified period	"PVDD3"	Within the specified period	"Hi-z"	Shorter than the specified period	"AVSS3"							
TMAX detection result	TMAX output																	
Longer than the specified period	"PVDD3"																	
Within the specified period	"Hi-z"																	
Shorter than the specified period	"AVSS3"																	
18	LPFN	Input	Amp's inversion input terminal for PLL system low-pass filter.															
19	LPFO	Output	Amp's output terminal for PLL system low-pass filter.															
20	PVREF	—	VREF terminal only for PLL system.															
21	VCOF	Output	Filter terminal for VCO.															
22	AVSS	—	Analog GND terminal.															
23	SLCO	Output	DAC output terminal for data slice level generation.															
24	RFI	Input	RF signal input terminal. Zin can be selected by command.															
25	AVDD	Input	Analog 3.3 V power supply terminal.															
26	RFCT	Input	RFRP signal center level input terminal.															
27	RFZI	Input	Input terminal for RFRP signal zero crossing.															
28	RFRP	Input	RF ripple signal terminal.															
29	FEI	Input	Focus error signal input terminal.															
30	SBAD	Input	Sub-beam addition signal input terminal.															
31	TEI	Input	Tracking error input terminal. Fetch when the tracking servo is on.															
32	TEZI	Input	Input terminal for tracking error signal zero crossing.															
33	FOO	Output	Focus equalizer output terminal.															
34	TRO	Output	Tracking equalizer output terminal.															
35	VREF	Input	Analog reference power supply terminal.															
36	RFGC	Output	RF amplitude adjustment control signal output terminal.															
37	TEBC	Output	Tracking balance control signal output terminal.															
38	SEL	Output	APC circuit ON/OFF signal output terminal. When the laser is on, UHS= "L": "Hi-z", UHS= "H": "H" output.															

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC2 VHiTC9490F/-1: Servo/Signal Control (TC9490F) (2/2)

Pin No.	Terminal Name	Input/Output	Function
39	AVDD3	Input	Analog 3.3 V power supply terminal.
40	FMO	Output	Feed equalizer output terminal.
41	DMO	Output	Disc equalizer output terminal.
42	DVSS	—	Digital GND terminal.
43	DVDD	Input	Digital 3.3 V power supply terminal.
44	TESIN	Input	Test input terminal. Usually "L" fixed.
45	XVSS	—	GND terminal for system clock oscillation circuit.
46	XI	Input	System clock oscillation circuit input terminal.
47	XO	Output	System clock oscillation circuit output terminal.
48	XVDD	Input	3.3 V power supply terminal for system clock oscillation circuit.
49	DVSS	—	GND terminal for D/A converter.
50	RO	Output	R channel data normal rotation output terminal.
51	DVDD	Input	3.3 V power supply terminal for D/A converter.
52	DVR	—	Reference voltage terminal.
53	LO	Output	L channel data normal rotation output terminal.
54	DVSS	—	D/A converter section GND terminal.
55*	ZDET	Output	1-bit D/A converter 0 detection flag output terminal.
56	VSS	—	GND terminal for microcomputer interface.
57-60	BUS0-BUS3	Input/Output	Data input/output terminal for microcomputer interface.
61	BUCK	Input	Clock input terminal for microcomputer interface.
62	/CCE	Input	Chip enable signal input terminal for microcomputer interface. In case of "L", BUS3-0 are active.
63	/RST	Input	Reset signal input terminal. Reset: "L".
64	VDD	Input	5 V power supply terminal for microcomputer interface.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

Note:

AI/F: Analog input/output terminal

3-5I/F: Terminal with a built-in 3-5 interface (5 V system input/output terminal)

3I/F: 3 V system input/output terminal

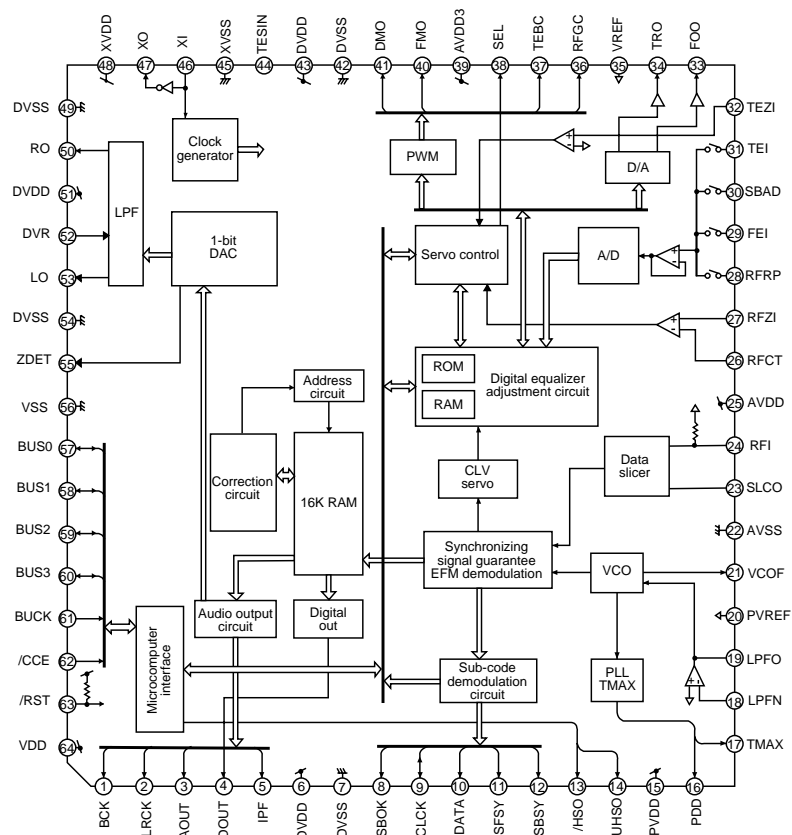
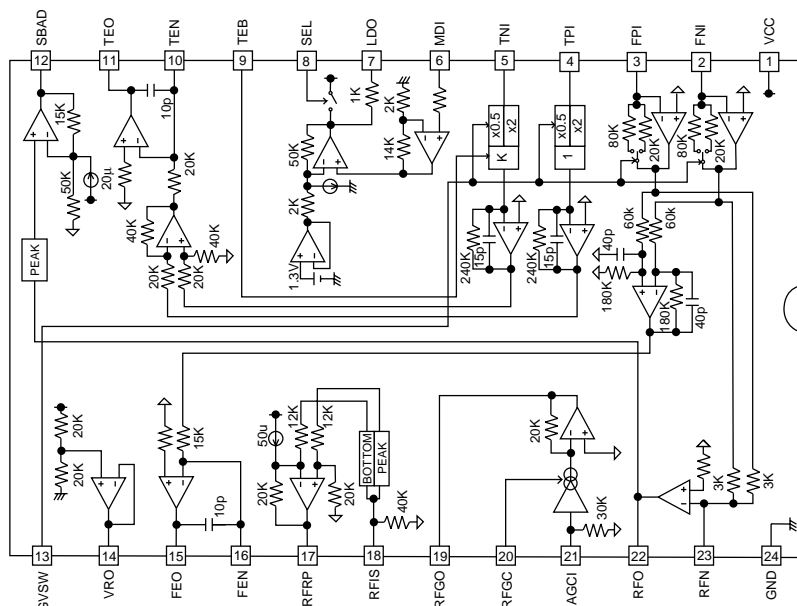


Figure 51 BLOCK DIAGRAM OF IC

CD-CH1500H/CD-CH1500W

IC6 VHiTA2147F/-1: Servo Pre Amp. (TA2147F)

Pin No.	Terminal Name	Input/Output	Function												
1	VCC	Input	3.3 V power supply terminal.												
2	FNI	Input	Main beam amp input terminal.												
3	FPI	Input	Main beam amp input terminal												
4	TPI	Input	Sub-beam amp input terminal.												
5	TNI	Input	Sub-beam amp input terminal.												
6	MDI	Input	Monitor photodiode amplifier input terminal.												
7	LDO	Output	Laser diode amp output terminal.												
8	SEL	Input	APC circuit ON/OFF signal, LDO terminal control input terminal and bottom/peak detection frequency switching terminal. <div><table><tr><td>SEL</td><td>APC circuit</td><td>LDO</td></tr><tr><td>GND</td><td>OFF</td><td>Connection to VCC via 1 kΩ</td></tr><tr><td>Hi-z</td><td>ON</td><td>Control signal output</td></tr><tr><td>VCC</td><td>ON</td><td>Control signal output</td></tr></table></div>	SEL	APC circuit	LDO	GND	OFF	Connection to VCC via 1 kΩ	Hi-z	ON	Control signal output	VCC	ON	Control signal output
SEL	APC circuit	LDO													
GND	OFF	Connection to VCC via 1 kΩ													
Hi-z	ON	Control signal output													
VCC	ON	Control signal output													
9	TEB	Input	Tracking error balance adjustment signal input terminal. • TEBC input voltage.												
10	TEN	Input	Tracking error signal generation amp antiphase input terminal.												
11	TEO	Output	Tracking error signal generation amp output terminal.												
12	SBAD	Output	RF signal peak detection output terminal.												
13	GVSW	Input	AGC, FE, TE amp gain switching terminal. <div><table><tr><td>GVSW</td><td>Mode</td></tr><tr><td>GND</td><td>CD-RW</td></tr><tr><td>Hi-z</td><td>CD-DA</td></tr><tr><td>VCC</td><td>CD-CA</td></tr></table></div>	GVSW	Mode	GND	CD-RW	Hi-z	CD-DA	VCC	CD-CA				
GVSW	Mode														
GND	CD-RW														
Hi-z	CD-DA														
VCC	CD-CA														
14	VRO	Output	Reference voltage (VRO) output terminal. • VCC= 3.3 V: VRO= 1/2 VCC												
15	FEO	Output	Focus error signal generation amp output terminal.												
16	FEN	Input	Focus error signal generation amp antiphase input terminal.												
17	RFRP	Output	Signal generation amp output terminal for track count.												
18	RFIS	Input	Signal generation amp input terminal for track count.												
19	RFGO	Output	RF signal amplitude adjustment amp output terminal.												
20	RFGC	Input	RF amplitude adjustment control signal input terminal. • RFGC input voltage.												
21	AGCI	Input	RF signal amplitude adjustment amp input terminal.												
22	RFO	Output	RF signal generation amp output terminal.												
23	RFN	Input	RF signal generation amp input terminal.												
24	GND	—	GND terminal.												



PIN	SEL	TEB	RFGC	GVSW
V _{CTRL}	(APC_SW)	(TE_BAL)	(AGC_Gain)	(CD/RW)
VCC	APC ON	-50%	+12dB	DA (0dB)
HiZ	APC ON	0%	+6dB	DA (0dB)
GND	APC OFF (LDO=H)	+50%	0dB	RW (+12dB)

Figure 52 BLOCK DIAGRAM OF IC

IC901 RH-iX0417AWZZ: System Microcomputer (IX0417AW) (1/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	P60/A16	PB MUTE	Output	Cassette playback mute.
2	P62/A18	REC	Output	Recording output (Cassette).
3	P61/A17	REC BIAS	Output	Recording bias output (Cassette).
4	P63/A19	DEST_OUT1	Output	Span output for destination 1.
5	P64/RD	T-MOTOR	Output	Cassette operation motor output.
6	P65/WR	T-SOL	Output	Cassette solenoid output.
7	P66/WAIT	DEST_OUT2	Output	Span output for destination 2.
8	P67/ASTB	RUN PULSE	Input	Pulse for tape running check.
9	VDD	VDD	Input	To be connected to VDD.
10	P100/T15/TO5	A-FP SW	Input	A side foolproof switch.
11	P101/T16/TO6	B-FP SW	Input	B side foolproof switch.
12	P102/T17/TO7	CAM SW	Input	Cassette CAM switch.
13	P103/T18/TO8	CST SW	Input	Cassette detection switch.
14	P30/TO0	CE	Output	Tuner chip enable.
15	P31/TO1	DEST_IN	Input	Destination input.
16*	P32/TO2	CD MUTE	Output	CD mute.
17	P33/TI1	SPAN	Input	Tuner span select.
18	P34/TI2	DATA	Output	Extension port output.
19	P35/TI00	CLK	Output	Extension port clock.
20	P36/TI01	LCK1	Output	Extension port 1 latch clock.
21	P37	LCK2	Output	Extension port 2 latch clock.
22*	TEST/Vpp	TEST/Vpp	Input	Not used.
23*	P90	LCD DB4	Output	Not used.
24*	P91	LCD DB5	Output	Not used.
25*	P92	LCD DB6	Output	Not used.
26*	P93	LCD DB7	Output	Not used.
27*	P94	N.C.	Output	Not used.
28	P06/INTP6	POWER RLY	Output	POWER relay control.
29*	P120/RTP0	LCD RS	Output	Not used.
30*	P121/RTP1	LCD R/W	Output	Not used.
31*	P122/RTP2	LCD E	Output	Not used.
32	P123/RTP3	TIMER LCD	Output	LED output for timer.
33	P124/RTP4	DIMMER	Output	LCD backlight.
34	P125/RTP5	SYS MUTE	Output	System mute output.
35	P126/RTP6	C FUTA CL	Input	Panel close switch.
36	P127/RTP7	C FUTA OP	Input	Panel open switch.
37	Vdd	VDD	Input	Connected to VDD.
38	X2	X2	Output	8 MHz sera - lock.
39	X1	X1	Input	8 MHz sera - lock.
40	Vss	VSS	Input	Ground potential to be connected to VSS.
41	XT2	XT2	Output	32.768 kHz crystal.
42	XT1	XT1	Input	32.768 kHz crystal.
43	RESET	RESET	Input	Reset input.
44	P00/INTP0	REMOCON	Input	Remote control signal input.
45	P01/INTP1	JOG-A	Input	JOG A input.
46	P02/INTP2/NMI	JOG-B	Input	JOG B input.
47	P03/INTP3	SYS STOP	Input	Power failure detection.
48	P04/INTP4	PROTECT	Input	Speaker abnormal detection.
49	P05/INTP5	SP RLY	Output	Speaker relay.
50	P95	POWER KEY	Input	POWER key input.
51	Avdd	AVDD	Input	Analog power supply.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

CD-CH1500H/CD-CH1500W

IC901 RH-iX0417AWZZ: System Microcomputer (IX0417AW) (2/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
52	AVref0	AVref0	—	Analog reference potential 0.
53	P10/ANI0	KEY0	Input	Key input 0 (AD port).
54	P11/ANI1	KEY1	Input	Key input 1 (AD port).
55	P12/ANI2	KEY2	Input	Key input 2 (AD port).
56	P13/ANI3	KEY3	Input	Key input 3 (AD port).
57	P14/ANI4	KEY4	Input	Key input 4 (AD port).
58	P15/ANI5	LEVEL_L	Input	Level meter input L-ch.
59	P16/ANI6	VSM	Input	Tuner state input.
60	P17/ANI7	LEVEL_R	Input	Level meter input R-ch.
61	Avss	AVSS	—	Analog GND.
62	P130/ANO0	REVERSE	Input	Tape mecha select single/reverse.
63*	P131/ANO1	—	Output	Not used.
64	AVref1	AVref1	Input	Analog reference potential 1.
65*	P70/RxD2/SI2	RX	Input	Not used.
66*	P71/TxD2/SO2	TX	Output	Not used.
67*	P72/ASCK2/SCK2	—	Input	Not used.
68	P20/RxD1/SI1	TUNER DI	Input	Tuner data input.
69	P21/TxD1/SO1	TUNER DO	Output	Tuner data output.
70	P22/ASCK1/SC	TUNER CL	Output	Tuner clock output.
71*	P23/PCL	—	Output	Not used.
72*	P24/BUZ	—	Output	Not used.
73	P25/SI0/SDA0	LCD-R/W	Input/Output	Control output read/write to LCD driver.
74*	P26/SO0	—	Output	Not used.
75	P27/SCK0/SCL0	LCD-E	Output	Control output clock to LCD driver.
76	P80/A0	FH A-SW E	Input	CAM A switch e.
77	P81/A1	FH A-SW D	Input	CAM A switch d.
78	P82/A2	FH A-SW C	Input	CAM A switch c.
79	P83/A3	FH A-SW B	Input	CAM A switch b.
80	P84/A4	FH A-SW A	Input	CAM A switch a.
81	P85/A5	FH T-SW A	Input	TRAY identification switch a.
82	P86/A6	FH T-SW B	Input	TRAY identification switch b.
83	P87/A7	FH T-SW C	Input	TRAY identification switch c.
84	P40/AD0	FH C-SW B	Input	CAM C switch b.
85	P41/AD1	FH C-SW A	Input	CAM C switch a.
86	P42/AD2	CD CCE	Output	CD LSI chip enable.
87	P43/AD3	CD BUCK	Output	CD LSI clock.
88	P44/AD4	CD BUS3	Input/Output	CD LSI data input/output.
89	P45/AD5	CD BUS2	Input/Output	CD LSI data input/output.
90	P46/AD6	CD BUS1	Input/Output	CD LSI data input/output.
91	P47/AD7	CD BUS0	Input/Output	CD LSI data input/output.
92	P50/A8	CD RESET	Output	CD LSI reset.
93	P51/A9	CD RW	Output	CD-RW reproduction switching.
94	P52/A10	CD PICK IN	Input	CD pickup inner switch input.
95	P53/A11	FH M A+	Output	Tray motor forward rotation.
96	P54/A12	FH M A-	Output	Tray motor reverse rotation.
97	P55/A13	FH M B+	Output	CAM motor forward rotation.
98	P56/A14	FH M B-	Output	CAM motor reverse rotation.
99	P57/A15	REC MUTE	Output	TAPE REC mute.
100	Vss	VSS	Input	Ground potential connected to VSS.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC702 VHiBU2092F/-1: Input/Output Expander (BU2092F)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	VSS	—	Input	GND
2	DATA	—	Input	Serial data input.
3	CLOCK	—	Input	Serial clock input.
4	LCK	—	Input	Latch clock input.
5	Q0	LED_EG	Output	Panel LED
6	Q1	LED1	Output	Stop LED
7	Q2	LED2	Output	< REV PLY
8	Q3	LED3	Output	<< LED
9	Q4	LED4	Output	>> LED
10	Q5	LED5	Output	> I I LED
11	Q6	CD LED 6	Output	CD 6 LED
12	Q7	CD LED 5	Output	CD 5 LED
13	Q8	CD LED 4	Output	CD 4 LED
14	Q9	CD LED 3	Output	CD 3 LED
15	Q10	CD LED 2	Output	CD 2 LED
16	Q11	CD LED 1	Output	CD 1 LED
17	OE	—	Output	Output enable.
18	VDD	—	Input	Power supply.

IC912 VHiBU2092F/-1: Input/Output Expander (BU2092F)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	VSS	VSS	Input	GND
2	DATA	DATA	Input	Serial data input.
3	CLK	CLK	Input	Serial clock input.
4	LCK	LCK	Input	Latch clock input.
5	Q0	CD-SW	Output	For CD power control.
6*	Q1	N.C.	Output	Not used.
7*	Q2	N.C.	Output	Not used.
8*	Q3	N.C.	Output	Not used.
9	Q4	CD-R_SEL	Output	Not used.
10*	Q5	LCD RESET	Output	LCD reset.
11*	Q6	P-CONT	Output	Panel control output switching.
12	Q7	PNL_CL	Output	Panel control output.
13	Q8	PNL_OP	Output	Panel control output open.
14	Q9	FAN	Output	Fan motor ON/OFF.
15	Q10	AUX_SEL	Output	Not used.
16	Q11	DIG_SEL	Output	Not used.
17	OE	OE	Output	Output enable.
18	VDD	VDD	Input	Power supply.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

CD-CH1500H/CD-CH1500W

— M E M O —

SHARP PARTS GUIDE

AUDIO TOWER SYSTEM

MODEL CD-CH1500H

CD-CH1500H Audio Tower System consisting of CD-CH1500H (main unit) and CP-RW5500H (speaker system).

AUDIO TOWER SYSTEM

MODEL CD-CH1500W

CD-CH1500W Audio Tower System consisting of CD-CH1500W (main unit) and CP-RW5500W (speaker system).

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. No. |
| 3. PART NO. | 4. DESCRIPTION |

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

VCC Ceramic type
 VCK Ceramic type
 VCT Semiconductor type
 VC •• MF Cylindrical type (without lead wire)
 VC •• MN Cylindrical type (without lead wire)
 VC •• TV Square type (without lead wire)
 VC •• TQ Square type (without lead wire)
 VC •• CY Square type (without lead wire)
 VC •• CZ Square type (without lead wire)
 VC J .. The 13th character represents capacity difference.
 ("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
 "C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±20%.

Resistors

VRD Carbon-film type
 VRS Carbon-film type
 VRN Metal-film type
 VR •• MF Cylindrical type (without lead wire)
 VR •• MN Cylindrical type (without lead wire)
 VR •• TV Square type (without lead wire)
 VR •• TQ Square type (without lead wire)
 VR •• CY Square type (without lead wire)
 VR •• CZ Square type (without lead wire)
 VR J .. The 13th character represents error.
 ("J" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±5% carbon-film type.

NOTE:

Parts marked with "△" are important for maintaining the safety of the set.

Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
CD-CH1500H/CD-CH1500W				
INTEGRATED CIRCUITS				
IC2	VHITC9490F/-1	J	AX	Servo/Signal Control,TC9490F
IC5	VHIBA5939S/-1	J	AH	Focus/Tracking/Spin/Sled Driver, BA5939S
IC6	VHITA2147F/-1	J	AM	Servo Pre Amp.,TA2147F
IC101	VHIAN7345K/-1	J	AM	Playback and Record/Playback Amp.,AN7345K
IC102	VHIBA3126N/-1	J	AF	Head Selector,BA3126N
IC201	VHISTK40271-1	J	AZ	Power AMP.,STK40271
IC202	VHISTK40204-1	J	AX	Power AMP.,STK40204
IC203	VHIKIA4558P-1	J	AC	Ope Amp.,KIA4558P
IC301	VHITA7358AP-1	J	AG	FM Front End,TA7358AP [CD-CH1500W Only]
IC302	VHILC72131/-1	J	AP	PLL (Tuner),LC72131
IC303	VHILA1832S/-1	J	AN	FM IF Det./FM Mpx./AM IF, LA1832S
IC502	VHILC75341/-1	J	AM	Audio Processor,LC75341
IC503	VHINJM4558M-1	J	AC	Motor Driver,NJM4558M
IC701	VHITA7291S/-1	J	AH	Loading Motor Driver,TA7291S
IC702	VHIBU2092F/-1	J	AM	Input/Output Expander,BU2092F
IC802	VHIKIA7810AP1	J	AF	Voltage Regulator,KIA7810AP
IC808	VHIKIA7805AP1	J	AF	Constant Voltage Regulator, KIA7805AP
IC901	RH-IX0417AWZZ	J	AY	System Microcomputer, IX0417AW
IC905	VHIKIA7042AP1	J	AC	Reset,KIA7042AP
IC912	VHIBU2092F/-1	J	AM	Input/Output Expander,BU2092F
IC913	VHIKIA7805AP1	J	AF	Voltage Regulator,KIA7805AP
ICT21	VHILC72722/-1	J	AY	RDS Decoder,LC72722 [CD-CH1500H Only]

TRANSISTORS

Q1	VS2SC1740R/-1	J	AB	Silicon,NPN,2SC1740 R
Q3	VS2SD2012/-1	J	AD	Silicon,NPN,2SD2012
Q4	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q5	VSKRA102M/-1	J	AC	Digital,PNP,KRA102 M
Q101	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
Q102	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q114	VS2SA1015GR-1	J	AB	Silicon,PNP,2SA1015 GR
Q115	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q116	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q119,120	VSDTC363TS/-1	J	AC	Digital,NPN,DTC363 TS
Q200	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q201~211	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q212	VS2SA562-Y/-1	J	AC	Silicon,PNP,2SA562 Y [For CD-CH1500H]
Q212	VS2SB1565F/-1	J	AG	Silicon,NPN,2SB1565 F [For CD-CH1500W]
Q215	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y [CD-CH1500W Only]
Q301	VS2SC380-O/-1	J	AC	Silicon,NPN,2SC380 O [CD-CH1500H Only]
Q302	VSKTC3194Y/-1	J	AD	Silicon,NPN,KTC3194 Y [CD-CH1500W Only]
Q351	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q360	VS2SB562-C/-1	J	AD	Silicon,PNP,2SB562 C
Q371	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q501,502	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q507,508	VSDTC363TS/-1	J	AC	Digital,NPN,DTC363 TS
Q509	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
Q707	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q708	VSKRA102M/-1	J	AC	Digital,PNP,KRA102 M
Q720~725	VSKRA102M/-1	J	AC	Digital,PNP,KRA102 M
Q805	VSKTC2026/-1	J	AF	Silicon,NPN,KTC2026
Q806	VSKTA1046Y+1	J	AF	Digital,PNP,KTA1046 Y
Q807	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q809	VS2SD2012/-1	J	AD	Silicon,NPN,2SD2012
Q810	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q811	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M [CD-CH1500W Only]
Q812	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q813	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
Q901	VSKRC102M/-1	J	AC	Digital,NPN,KRC102 M
Q905	VS2SB561-C/-1	J	AC	Silicon,PNP,2SB561 C
Q906,907	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q908	VS2SB561-C/-1	J	AC	Silicon,PNP,2SB561 C
Q909	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M

Q954,955	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QT21	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR [CD-CH1500H Only]
DIODES				
D1~4	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [CD-CH1500H Only]
D201~208	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D210	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D301~306	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D310	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [CD-CH1500W Only]
D311,312	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D352	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D501~504	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [CD-CH1500H Only]
D507,508	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D802	VHDDS1N404S-1	J	AB	Silicon,DS1N404S
△ D804~807	VHDDS1N404S-1	J	AB	Silicon,DS1N404S
△ D812~815	VHDDS1N404S-1	J	AB	Silicon,DS1N404S
△ D816,817	VHDS6B04GM-1	J	AP	Silicon,TS6B04GM
D818,819	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D821	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [CD-CH1500W Only]
D901,902	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D905~907	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D910	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D951	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [CD-CH1500W Only]
D952~954	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
DT31	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [CD-CH1500H Only]
DZ1	VHEMTZJ5R1A-1	J	AB	Zener,5.1V,MTZJ5.1A
DZ2	VHEMTZJ3R9B-1	J	AC	Zener,3.9V,MTZJ3.9B
DZ201	VHEMTZJ5R6B-1	J	AD	Zener,5.6V,MTZJ5.6B
DZ299	VHEMTZJ3R9B-1	J	AC	Zener,3.9V,MTZJ3.9B [CD-CH1500W Only]
DZ351	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB
DZ803	VHEMTZJ9R1B-1	J	AB	Zener,9.1V,MTZJ9.1B
DZ804	VHEMTZJ100B-1	J	AB	Zener,10V,MTZJ10B
LED731	VHPLHMP1700-1	J	AC	LED,Red,HMP1700
LED735	VHPLNG995PF-1	J	AT	LED,Blue,LNG995PF
LED737,738	VHPLNG995PF-1	J	AT	LED,Blue,LNG995PF
LED754~759	VHPK5052UL/-1	J	AD	LED,Green,K5052UL
LED770	VHPL934MBC5-1	J	AL	LED,White,L934MBC5
LED772~775	VHPK5052UL/-1	J	AD	LED,Green,K5052UL
LED786	VHPK5052UL/-1	J	AD	LED,Green,K5052UL
LED801	VHPK5052UL/-1	J	AD	LED,Green,K5052UL
FILTERS				
BF301	RFILR0008AWZZ	J	AE	Band Pass Filter [CD-CH1500W Only]
CF301	RFILF0072AFZZ	J	AG	FM IF [CD-CH1500H Only]
CF302	RFILF0072AFZZ	J	AG	FM IF [For CD-CH1500H]
CF302	RFILF0124AFZZ	J	AD	FM IF,10.7 MHz [For CD-CH1500W]
CF351	RFILF0003AWZZ	J	AK	FM IF
CF352	RFILA0009AWZZ	J	AE	AM IF
TRANSFORMERS				
T302	RCILA0062AWZZ	J	AC	AM Antenna
T306	RCILB0066AWZZ	J	AD	AM Oscillation
T311	RCILB0065AWZZ	J	AC	FM Oscillation [CD-CH1500W Only]
T312	RCILI0017AWZZ	J	AB	FM IF [CD-CH1500W Only]
T351	RCILI0019AWZZ	J	AD	AM IF
△ T801	RTRNP0323AWZZ	J	BG	Power,Main [For CD-CH1500H]
△ T801	RTRNP0326AWZZ	J	BH	Power,Main [For CD-CH1500W]
△ T802	RTRNP0313AWZZ	J	AN	Power,Sub [For CD-CH1500H]
△ T802	RTRNP0346AWZZ	J	AQ	Power,Sub [For CD-CH1500W]
COILS				
L1,2	VP-DHR82M0000	J	AB	0.82 μH,Playback PLL
L7	VP-DHR82M0000	J	AB	0.82 μH,Playback PLL
L104	VP-MK331K0000	J	AB	330 μH,Choke
L201~204	RCILZ0137AFZZ	J	AA	0.29 μH
L312	RCILR0056AWZZ	J	AB	FM RF [CD-CH1500W Only]
L341	RBLN-0001AWZZ	J	AD	Balun [CD-CH1500H Only]

CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
L342	VP-DH2R2K0000	J	AB	2.2 μH, Peaking
L351,352	VP-DH101K0000	J	AB	100 μH, Choke
L353	VP-DH102K0000	J	AB	1 mH, Choke
L354	RFILL0001AWZZ	J	AE	Low Pass Filter [CD-CH1500H Only]
L501,502	VP-DH2R2K0000	J	AB	2.2 μH, Peaking
L702	VP-XH2R2K0000	J	AB	2.2 μH, Choke
L705	VP-XH2R2K0000	J	AB	2.2 μH, Choke
△ L802	RCILZ0021AWZZ	J	AF	AC Line Filter [CD-CH1500H Only]
L901	VP-DH101K0000	J	AB	100 μH, Choke
L910	VP-YF470K0000	J	AB	47 μH, Choke
L912	VP-DH2R2K0000	J	AB	2.2 μH, Peaking
LT21,22	VP-XH2R2K0000	J	AB	2.2 μH, Choke [CD-CH1500H Only]

VARIABLE RESISTOR

VR351	RVR-M0026AWZZ	J	AC	10 kohm (B), Semi-VR [FM Mute Level]
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VARIABLE CAPACITORS

VD301	VHCSVC348S/-1	J	AK	Variable Capacitance, SVC348S
VD302,303	VHCSVC211C/-1	J	AG	Variable Capacitance, SVC211C [CD-CH1500W Only]

VIBRATORS

X1	RCRSP0005AWZZ	J	AF	Crystal, 16.934 MHz
X351	92LCRSTL1425A	J	AF	Crystal, 456 kHz
X352	RCRSP0002AWZZ	J	AH	Crystal, 4.5 MHz
X901	RCRM-0038AFZZ	J	AD	Ceramic, 600 MHz
X902	RCRSP0011AWZZ	J	AC	Crystal, 32.768 kHz
XT21	RCRSP0010AWZZ	J	AH	Crystal, 4.332 MHz [CD-CH1500H Only]

THERMISTOR

△ RP803	RH-QX0002AWZZ	J	AK	Posistor, 0.7 ohms
△ RP805	RH-QX0003AWZZ	J	AK	Posistor, 2.2 ohms
△ RP807	RH-QX0002AWZZ	J	AK	Posistor, 0.7 ohms

CAPACITORS

C1	VCEAZA1AW107M	J	AB	100 μF, 10V, Electrolytic
C2	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C4	VCEAZA1AW107M	J	AB	100 μF, 10V, Electrolytic
C5,6	VCEAZA1CW106M	J	AC	10 μF, 16V, Electrolytic
C7	VCEAZA1AW107M	J	AB	100 μF, 10V, Electrolytic
C8	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C10	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C11	VCCSMN1HL150J	J	AA	15 pF, 50V
C12	VCCSMN1HL220J	J	AA	22 pF, 50V
C13,14	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C15~17	VCKYPA1HF473Z	J	AB	0.047 μF, 50V
C18	VCQYKA1HM333J	J	AB	0.033 μF, 50V, Mylar
C19	VCKYPA1HF473Z	J	AB	0.047 μF, 50V
C20	VCCSMN1HL470J	J	AA	47 pF, 50V
C21	VCKYMN1HB102K	J	AA	0.001 μF, 50V
C22	VCQYKA1HM333J	J	AB	0.033 μF, 50V, Mylar
C23	VCTYMN1CY103K	J	AA	0.01 μF, 16V
C24	VCTYMN1CX272K	J	AA	0.0027 μF, 16V
C25	VCTYMN1CY103K	J	AA	0.01 μF, 16V
C26	VCTYMN0JY153M	J	AA	0.015 μF, 6.3V
C27	VCTYMN1CX472K	J	AA	0.0047 μF, 16V
C28,29	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C30	VCEAZA1AW476M	J	AB	47 μF, 10V, Electrolytic
C31	VCEAZA1AW227M	J	AC	220 μF, 10V, Electrolytic
C32,33	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C34	VCCSMN1HL220J	J	AA	22 pF, 50V
C36	VCCSMN1HL270J	J	AA	27 pF, 50V
C37	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C38	VCEAZA1HW106M	J	AB	10 μF, 50V, Electrolytic
C39	VCCSMN1HL3R9C	J	AA	3.9 pF, 50V
C40,41	VCQYKA1HM104K	J	AB	0.1 μF, 50V, Mylar
C42	VCTYMN1CX682K	J	AA	0.0068 μF, 16V
C43	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C44	VCEAZA1AW227M	J	AC	220 μF, 10V, Electrolytic
C45	VCEAZA1AW477M	J	AC	470 μF, 10V, Electrolytic
C46	VCTYMN1EF223Z	J	AA	0.022 μF, 25V
C47,48	VCEAZA1AW107M	J	AB	100 μF, 10V, Electrolytic

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C49,50	VCTYPA1HF104Z	J	AB	0.1 μF, 50V
C51	VCEAZA1AW107M	J	AB	100 μF, 10V, Electrolytic
C58~60	VCKYMN1HB101K	J	AA	100 pF, 50V
C64,65	VCKYBT1HB102K	J	AA	0.001 μF, 50V
C67	VCKYPA1HB102K	J	AA	0.001 μF, 50V
C91,92	VCKYMN1HB471J	J	AB	470 pF, 50V
C93~99	VCKYMN1HB101K	J	AA	100 pF, 50V
C101,102	VCKYPA1HB181K	J	AA	180 pF, 50V
C103	VCEAZA1CW106M	J	AC	10 μF, 16V, Electrolytic
C104,105	VCKYPA1HB561K	J	AA	560 pF, 50V
C106,107	VCTYPA1EX333K	J	AA	0.033 μF, 25V
C108,109	VCCSPA1HL331J	J	AA	330 pF, 50V
C110,111	VCEAZA1EW476M	J	AB	47 μF, 25V, Electrolytic
C112,113	VCKYPA1HB561K	J	AA	560 pF, 50V
C116	VCEAZA1HW335M	J	AB	3.3 μF, 50V, Electrolytic
C118	VCKYPA1HF223Z	J	AB	0.022 μF, 50V
C119,120	VCEAZA1HW105M	J	AB	1 μF, 50V, Electrolytic
C121,122	VCKYPA1HB271K	J	AA	270 pF, 50V
C123,124	VCTYPA1EX223K	J	AA	0.022 μF, 25V
C125,126	VCEAZA1HW226M	J	AB	22 μF, 50V, Electrolytic
C127	VCKYPA1HB332K	J	AA	0.0033 μF, 50V
C129,130	VCEAZA1HW105M	J	AB	1 μF, 50V, Electrolytic
C131	VCEAZA1HW226M	J	AB	22 μF, 50V, Electrolytic
C132	VCEAZA1CW227M	J	AC	220 μF, 16V, Electrolytic
C133	VCQYKA1HM393K	J	AB	0.039 μF, 50V, Mylar
C134	VCEAZA1EW476M	J	AB	47 μF, 25V, Electrolytic
C135	VCQYKA1HM473K	J	AB	0.047 μF, 50V, Mylar
C137	VCQPKA2AA822J	J	AA	0.0082 μF, 100V, Polypropylene
C138	VCKYPA1HB332K	J	AA	0.0033 μF, 50V
C140,141	VCEAZA1HW105M	J	AB	1 μF, 50V, Electrolytic
C200	VCEAZA1CW476M	J	AB	47 μF, 16V, Electrolytic
C201,202	VCCSPA1HL221J	J	AA	220 pF, 50V
C203,204	VCEAZA1HW476M	J	AB	47 μF, 50V, Electrolytic
C205,206	VCCSPA1HL150J	J	AA	15 pF, 50V
C207,208	VCIFYHA1HA154J	J	AC	0.15 μF, 50V, Thin Film
C209,210	VCEAZA1HW107M	J	AC	100 μF, 50V, Electrolytic
C211,212	VCQYKA1HM154K	J	AB	0.15 μF, 50V, Mylar
C213,214	VCKYPA1HF223Z	J	AB	0.022 μF, 50V
C215,216	VCKZPA1HF223Z	J	AA	0.022 μF, 50V
C217,218	VCCCPA1HH101J	J	AA	100 pF (CH), 50V
C219,220	VCEAZA1HW106M	J	AB	10 μF, 50V, Electrolytic
C221,222	VCQYKA1HM153K	J	AB	0.015 μF, 50V, Mylar
C223,224	VCEAZA1HW106M	J	AB	10 μF, 50V, Electrolytic
C225,226	VCCCPA1HH221J	J	AA	220 pF (CH), 50V
C227,228	VCEAZA1HW225M	J	AB	2.2 μF, 50V, Electrolytic
C229,230	VCIFYHA1HA154J	J	AC	0.15 μF, 50V, Thin Film
C231,232	VCCSPA1HL221J	J	AA	220 pF, 50V [For CD-CH1500W]
C231,232	VCKYPA1HB152K	J	AA	0.0015 μF, 50V [For CD-CH1500H]
C233,234	VCEAZA1HW105M	J	AB	1 μF, 50V, Electrolytic
C235,236	VCCSPA1HL150J	J	AA	15 pF, 50V
C237,238	VCEAZA1HW107M	J	AC	100 μF, 50V, Electrolytic
C239,240	VCKZPA1HF223Z	J	AA	0.022 μF, 50V
C241,242	VCEAZA1HW106M	J	AB	10 μF, 50V, Electrolytic
C243~246	VCQYKA1HM104K	J	AB	0.1 μF, 50V, Mylar
C247	VCEAZA1HW476M	J	AB	47 μF, 50V, Electrolytic
C248	VCKYPA1HF223Z	J	AB	0.022 μF, 50V
C249	VCEAZA1EW476M	J	AB	47 μF, 25V, Electrolytic
C250	VCQYKA1HM223K	J	AB	0.022 μF, 50V, Mylar
C251	VCEAZA1HW476M	J	AB	47 μF, 50V, Electrolytic
C252	VCEAZW1HW228M	J	AH	2200 μF, 50V, Electrolytic
C253,254	RC-EZ0027AWZZ	J	AN	3300 μF, 63V, Electrolytic
C255	VCEAZW1HW228M	J	AH	2200 μF, 50V, Electrolytic
C256	VCEAZA1HW476M	J	AB	47 μF, 50V, Electrolytic
C257	VCEAZA1HW106M	J	AB	10 μF, 50V, Electrolytic
C258	VCEAZA1CW107M	J	AC	100 μF, 16V, Electrolytic
C259	VCKYBT1HB103K	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C260	VCKYPA1HF103Z	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C261	VCKYBT1HB103K	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C262	VCKYPA1HF103Z	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C263	VCKYBT1HB103K	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C264	VCKYPA1HF103Z	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C265	VCKYBT1HB103K	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C266	VCKYPA1HF103Z	J	AB	0.01 μF, 50V [CD-CH1500H Only]
C267	VCKYBT1HB103K	J	AB	0.01 μF, 50V [CD-CH1500H Only]

CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C268	VCKYPA1HF103Z	J	AB	0.01 μF,50V [CD-CH1500H Only]
C269	VCKYBT1HB103K	J	AB	0.01 μF,50V [CD-CH1500H Only]
C270	VCKYPA1HF103Z	J	AB	0.01 μF,50V [CD-CH1500H Only]
C271	VCKYBT1HB103K	J	AB	0.01 μF,50V [CD-CH1500H Only]
C272~274	VCKYPA1HF103Z	J	AB	0.01 μF,50V [CD-CH1500H Only]
C277~282	VCKYPA1HB102K	J	AA	0.001 μF,50V [CD-CH1500H Only]
C301	VCKYCY1HB102K	J	AA	0.001 μF,50V
C302	VCKYCY1HB102K	J	AA	0.001 μF,50V [CD-CH1500H Only]
C303	VCCCCY1HH100D	J	AA	10 pF (CH),50V [CD-CH1500W Only]
C304	VCKYCY1HB103K	J	AA	0.01 μF,50V [CD-CH1500W Only]
C305	VCCCCY1HH5R0C	J	AA	5 pF (CH),50V [CD-CH1500W Only]
C306	VCKYBT1HB102K	J	AA	0.001 μF,50V [CD-CH1500W Only]
C308	VCCCCY1HH5R0C	J	AA	5 pF (CH),50V [CD-CH1500W Only]
C309	VCKYCY1HB102K	J	AA	0.001 μF,50V [CD-CH1500W Only]
C310~312	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C313	VCCCCY1HH220J	J	AA	22 pF (CH),50V [CD-CH1500W Only]
C314,315	VCKYCY1HB472K	J	AA	0.0047 μF,50V [CD-CH1500W Only]
C316	VCKYCY1EF104Z	J	AA	0.1 μF,25V [CD-CH1500W Only]
C317	VCKYCY1HB102K	J	AA	0.001 μF,50V [CD-CH1500W Only]
C318	VCCCCY1HH101J	J	AA	100 pF (CH),50V [CD-CH1500W Only]
C319	VCTYPA1EX104K	J	AB	0.1 μF,25V
C320	VCTYPA1EX473K	J	AA	0.047 μF,25V
C321	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C323	VCKYCY1HB223K	J	AA	0.022 μF,50V
C324	VCCCCY1HH4R0C	J	AA	4 pF (CH),50V [CD-CH1500W Only]
C325	VCCCCY1HH150J	J	AA	15 pF (CH),50V [CD-CH1500W Only]
C326	VCCCCY1HH180J	J	AA	18 pF (CH),50V [CD-CH1500W Only]
C327	VCKYCY1EF104Z	J	AA	0.1 μF,25V [CD-CH1500W Only]
C330	VCCCCY1HH180J	J	AA	18 pF (CH),50V
C331	VCKYPA1HF473Z	J	AB	0.047 μF,50V
C332	VCKYCY1EB223K	J	AB	0.022 μF,25V
C334	VCCCCY1HH180J	J	AA	18 pF (CH),50V
C335	VCCCCY1HH331J	J	AA	330 pF (CH),50V
C337	VCKYCY1EB223K	J	AB	0.022 μF,25V
C338	VCKYCY1HB102K	J	AA	0.001 μF,50V
C339	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C341	VCKYCY1EF104Z	J	AA	0.1 μF,25V
C342	VCKYCY1EB223K	J	AB	0.022 μF,25V
C343	VCCCCY1HH330J	J	AA	33 pF (CH),50V
C344	VCCCCY1HH330J	J	AA	33 pF (CH),50V [CD-CH1500H Only]
C345~347	VCKYCY1EB223K	J	AB	0.022 μF,25V
C350	VCKYCY1CB473K	J	AA	0.047 μF,16V
C351	VCKYCY1EB223K	J	AB	0.022 μF,25V
C352	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C353,354	VCKYCY1EB223K	J	AB	0.022 μF,25V
C355	VCCCCY1HH220J	J	AA	22 pF (CH),50V
C356	VCKYCY1HB102K	J	AA	0.001 μF,50V
C357	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
C358	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C361	VCKYCY1EB223K	J	AB	0.022 μF,25V
C362	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic
C363	VCKYCY1EB223K	J	AB	0.022 μF,25V
C364	VCEAZA1HW475M	J	AB	4.7 μF,50V,Electrolytic
C365	VCKYCY1EB223K	J	AB	0.022 μF,25V
C366	VCKYCY1HB102K	J	AA	0.001 μF,50V
C367,368	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C370~372	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C373,374	VCKYCY1EB223K	J	AB	0.022 μF,25V [For CD-CH1500H]
C373,374	VCKYCY1HB153K	J	AA	0.015 μF,50V [For CD-CH1500W]
C380	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C381	VCCCCY1HH120J	J	AA	12 pF (CH),50V
C382	VCCCCY1HH150J	J	AA	15 pF (CH),50V
C384	VCKYCY1HB102K	J	AA	0.001 μF,50V
C385	VCKYCY1HB103K	J	AA	0.01 μF,50V
C386	VCCCCY1HH331J	J	AA	330 pF (CH),50V
C387	VCKYCY1EB223K	J	AB	0.022 μF,25V
C389,390	VCKYCY1HB102K	J	AA	0.001 μF,50V
C391	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
C392	VCKYCY1HB102K	J	AA	0.001 μF,50V
C393	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C394	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
C395	VCKYCY1EB223K	J	AB	0.022 μF,25V
C396	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C397	VCKYCY1EB223K	J	AB	0.022 μF,25V
C398	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C399	VCKYCY1EB223K	J	AB	0.022 μF,25V
C501,502	VCKYCY1HB102K	J	AA	0.001 μF,50V
C503	VCEAZA1HW226M	J	AB	22 μF,50V,Electrolytic
C509,510	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C511~514	VCIFYHA1HA104J	J	AB	0.1 μF,50V,Thin Film
C515,516	VCQYKA1HM272K	J	AA	0.0027 μF,50V,Mylar
C517~528	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
C529,530	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C531,532	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C533,534	VCCCCY1HH470J	J	AA	47 pF (CH),50V
C535	VCKYCY1EF104Z	J	AA	0.1 μF,25V
C536	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C537	VCKYCY1EF104Z	J	AA	0.1 μF,25V
C540,541	VCKYCY1HB391K	J	AA	390 pF,50V
C550,551	VCEAZA1HW226M	J	AB	22 μF,50V,Electrolytic
C562	VCKYCY1EF104Z	J	AA	0.1 μF,25V
C563	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C564	VCKYCY1EF104Z	J	AA	0.1 μF,25V
C566	VCEAZA1HW226M	J	AB	22 μF,50V,Electrolytic
C573,574	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic
C597,598	VCKYCY1HB272K	J	AA	0.0027 μF,50V
C599	VCKYCY1HB102K	J	AA	0.001 μF,50V
C703	VCTYBT1EF223Z	J	AA	0.022 μF,25V
C704,705	VCCSPA1HL100J	J	AA	10 pF,50V
C706	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C707	VCKYBT1HB101K	J	AA	100 pF,50V
C708	VCTYBT1EF223Z	J	AA	0.022 μF,25V
C709	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C710,711	VCCCPA1HH101J	J	AA	100 pF (CH),50V
C712	VCKYBT1HB102K	J	AA	0.001 μF,50V
C713	VCKYPA1HB102K	J	AA	0.001 μF,50V
C714	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
C715	VCTYPA1CX104K	J	AB	0.1 μF,16V
C716	VCEAEA1HW225M	J	AB	2.2 μF,50V,Electrolytic
C807	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
C810	VCEAZA1HW226M	J	AB	22 μF,50V,Electrolytic
C814	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C815,816	VCIFYHA1HA104J	J	AB	0.1 μF,50V,Thin Film
C817	VCEAZW1EW688M	J	AL	6800 μF,25V,Electrolytic
C819	VCEAZV1EW477M	J	AC	470 μF,25V,Electrolytic
C820	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
C821	VCEAZA1EW107M	J	AB	100 μF,25V,Electrolytic
C822	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C823	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C824	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
C825	VCEAZA0JW108M	J	AB	1000 μF,6.3V,Electrolytic
C826,827	VCIFYHA1HA224J	J	AC	0.22 μF,50V,Thin Film
C830	VCEAZV1VW477M	J	AD	470 μF,35V,Electrolytic
C831~834	VCIFYHA1HA224J	J	AC	0.22 μF,50V,Thin Film
C835	VCQYKA1HM473K	J	AB	0.047 μF,50V,Mylar
△ C836	RC-KZ002LAWZZ	J	AE	0.0047 μF,250V,Ceramic
C837	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C838	VCEAZA1CW227M	J	AC	220 μF,16V,Electrolytic
C839	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C840	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C842	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic [CD-CH1500W Only]
C844	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic
C901	VCEAZA0JW108M	J	AC	1000 μF,6.3V,Electrolytic
C902	VCKYCY1EF104Z	J	AA	0.1 μF,25V
C903	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic
C904	VCKYCY1HB103K	J	AA	0.01 μF,50V
C905	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic
C906	VCKYCY1EF104Z	J	AA	0.1 μF,25V
C907	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C912	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
C913	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C914	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R43	VRD-MN2BD821J	J	AA	820 ohms,1/8W
C916,917	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R44	VRD-MN2BD683J	J	AA	68 kohms,1/8W
C925,926	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	R45	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
C941	VCCCCY1HH220J	J	AA	22 pF (CH),50V	R46	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
C942	VCCCCY1HH180J	J	AA	18 pF (CH),50V	R47	VRD-MN2BD103J	J	AA	10 kohm,1/8W
C943	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R48	VRD-ST2EE100J	J	AA	10 ohm,1/4W
C945	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R49,50	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
C950	VCCCCY1HH151J	J	AA	150 pF (CH),50V	R51	VRD-MN2BD683J	J	AA	68 kohms,1/8W
C957	VCCCCY1HH151J	J	AA	150 pF (CH),50V	R53	VRD-MN2BD683J	J	AA	68 kohms,1/8W
C958	VCKYCY1HB391K	J	AA	390 pF,50V	R54	VRD-MN2BD473J	J	AA	47 kohms,1/8W
C964	VCTPA1HF104Z	J	AB	0.1 μF,50V	R55,56	VRD-MN2BD683J	J	AA	68 kohms,1/8W
C970	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R57	VRD-MN2BD473J	J	AA	47 kohms,1/8W
C974	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R71,72	VRD-MN2BD103J	J	AA	10 kohm,1/8W
C975	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	R73,74	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
C976	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R75,76	VRD-ST2CD103J	J	AA	10 kohm,1/6W
C977	VCCCCY1HH101J	J	AA	100 pF (CH),50V	R77,78	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
C980~982	VCFYHA1HA224J	J	AC	0.22 μF,50V,Thin Film [CD-CH1500H Only]	R91,92	VRD-MN2BD473J	J	AA	47 kohms,1/8W
C983	VCQYKA1HM473J	J	AB	0.047 μF,50V,Mylar [CD-CH1500H Only]	R101	VRD-ST2CD102J	J	AA	1 kohm,1/6W
C998	RC-GZA226AF1A	J	AB	22 μF,10V,Electrolytic	R102,103	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
C1001,1002	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic	R104	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
C1003	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic	R105	VRD-ST2CD101J	J	AA	100 ohm,1/6W
C1004,1005	VCKYCY1EF104Z	J	AA	0.1 μF,25V	R109	VRD-ST2CD153J	J	AA	15 kohms,1/6W
C1006	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic	R114,115	VRD-ST2CD331J	J	AA	330 ohms,1/6W
C1007,1008	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	R116,117	VRD-ST2CD560J	J	AA	56 ohms,1/6W
C1013	VCTYBT1EF223Z	J	AA	0.022 μF,25V	R118,119	VRD-ST2CD104J	J	AA	100 kohm,1/6W
CT21	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic [CD-CH1500H Only]	R120,121	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
CT22	VCKYCY1CB223K	J	AA	0.022 μF,16V [CD-CH1500H Only]	R124,125	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
CT23	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic [CD-CH1500H Only]	R126,127	VRD-ST2CD153J	J	AA	15 kohms,1/6W
CT24	VCKYCY1EB223K	J	AB	0.022 μF,25V [CD-CH1500H Only]	R128	VRD-ST2CD683J	J	AA	68 kohms,1/6W
CT25	VCKYCY1HB561K	J	AA	560 pF,50V [CD-CH1500H Only]	R129,130	VRD-ST2CD102J	J	AA	1 kohm,1/6W
CT26,27	VCCCCY1HH220J	J	AA	22 pF (CH),50V [CD-CH1500H Only]	R131	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
CT28	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic [CD-CH1500H Only]	R132,133	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
CT29	VCKYCY1CB223K	J	AA	0.022 μF,16V [CD-CH1500H Only]	R134,135	VRD-ST2CD101J	J	AA	100 ohm,1/6W
CT36	VCKYCY1CB223K	J	AA	0.022 μF,16V [CD-CH1500H Only]	R136~138	VRD-ST2CD103J	J	AA	10 kohm,1/6W
CT37	VCKYCY1EF104Z	J	AA	0.1 μF,25V [CD-CH1500H Only]	R139	VRD-ST2CD223J	J	AA	22 kohms,1/6W
RESISTORS					R141	VRD-ST2CD473J	J	AA	47 kohms,1/6W
	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4×3.5mm,Ivory	R143	VRD-ST2EE820J	J	AA	82 ohms,1/4W
	VRS-CY1JB000J	J	AA	0 ohm,Jumper,0.8×1.55mm,Green	R144	VRD-ST2EE221J	J	AA	220 ohms,1/4W
△ FR213,214	VRG-ST2EC101J	J	AB	100 ohm,1/4W,Fusible	R147	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
△ FR251,252	VRG-ST2EC101J	J	AB	100 ohm,1/4W,Fusible	R148	VRD-ST2CD4R7J	J	AA	4.7 ohms,1/6W
J728	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R149	VRD-ST2CD153J	J	AA	15 kohms,1/6W
L101,102	VRD-ST2CD561J	J	AA	560 ohms,1/6W [CD-CH1500W Only]	R150	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
R6	VRD-ST2EE121J	J	AA	120 ohms,1/4W	R153,154	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R7~13	VRD-MN2BD102J	J	AA	1 kohm,1/8W [For CD-CH1500W]	R155,156	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R7~13	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W [For CD-CH1500H]	R200	VRD-RT2HD271J	J	AA	270 ohms,1/2W [For CD-CH1500W]
R14	VRD-ST2CD820J	J	AA	82 ohms,1/6W	R200	VRD-ST2EE101J	J	AA	100 ohm,1/4W [For CD-CH1500H]
R15	VRD-ST2CD121J	J	AA	120 ohms,1/6W	R201,202	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R16	VRD-MN2BD101J	J	AA	100 ohm,1/8W	R203,204	VRD-ST2CD821J	J	AA	820 ohms,1/6W
R17	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R205,206	VRD-ST2CD563J	J	AA	56 kohms,1/6W
R18	VRD-MN2BD101J	J	AA	100 ohm,1/8W	R207	VRD-RT2HD100J	J	AA	10 ohm,1/2W [For CD-CH1500W]
R19	VRD-MN2BD105J	J	AA	1 Mohm,1/8W	R207	VRD-RT2HD120J	J	AA	12 ohms,1/2W [For CD-CH1500H]
R21	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W	R208	VRD-RT2HD271J	J	AA	270 ohms,1/2W [CD-CH1500W Only]
R25	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W	R209,210	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R27	VRD-ST2CD473J	J	AA	47 kohms,1/6W	R211,212	VRD-ST2CD183J	J	AA	18 kohms,1/6W
R28	VRD-MN2BD473J	J	AA	47 kohms,1/8W	R213	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R29	VRD-MN2BD104J	J	AA	100 kohm,1/8W	R214	VRD-RT2HD8R2J	J	AA	8.2 ohms,1/2W [CD-CH1500W Only]
R30	VRD-MN2BD225J	J	AA	2.2 Mohms,1/8W	R215,216	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R31	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R217,218	VRD-ST2CD183J	J	AA	18 kohms,1/6W
R32	VRD-MN2BD153J	J	AA	15 kohms,1/8W	R219,220	VRN-VV3DAR22J	J	AC	0.22 ohms,2W
R35	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R221,222	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R36	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	R223,224	VRN-VV3AAR10J	J	AB	0.1 ohm,1W
R37	VRD-MN2BD333J	J	AA	33 kohms,1/8W	R225,226	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R38	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R227,228	VRD-ST2CD822J	J	AA	8.2 kohms,1/6W
R39	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R229,230	VRN-VV3DAR22J	J	AC	0.22 ohms,2W
R40	VRD-MN2BD101J	J	AA	100 ohm,1/8W	R231,232	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R41	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W	R233,234	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R42	VRD-MN2BD563J	J	AA	56 kohms,1/8W	R235,236	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
					R237,238	VRD-ST2CD683J	J	AA	68 kohms,1/6W
					R239,240	VRD-ST2CD102J	J	AA	1 kohm,1/6W
					R241,242	VRD-ST2CD683J	J	AA	68 kohms,1/6W
					R243,244	VRD-ST2CD102J	J	AA	1 kohm,1/6W
					R245,246	VRD-ST2CD821J	J	AA	820 ohms,1/6W
					R247,248	VRD-ST2CD563J	J	AA	56 kohms,1/6W
					R249,250	VRD-ST2CD102J	J	AA	1 kohm,1/6W
					R251	VRD-ST2CD103J	J	AA	10 kohm,1/6W
					R252	VRD-RT2HD100J	J	AA	10 ohm,1/2W [CD-CH1500W Only]
					R253	VRD-ST2CD102J	J	AA	1 kohm,1/6W
					R254	VRD-ST2CD103J	J	AA	10 kohm,1/6W
					R255,256	VRN-VV3AAR10J	J	AB	0.1 ohm,1W

CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R257,258	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R393	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R259,260	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R395	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R261~264	VRD-ST2CD563J	J	AA	56 kohms,1/6W	R399	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R265,266	VRD-RT2HD4R7J	J	AA	4.7 ohms,1/2W	R501,502	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R267~270	VRD-RT2HD331J	J	AA	330 ohms,1/2W	R503,504	VRS-CY1JB222J	J	AA	2.2 kohms,1/16W
R271,272	VRD-RT2HD4R7J	J	AA	4.7 ohms,1/2W	R507	VRS-CY1JB223J	J	AA	22 kohms,1/16W
R273~276	VRD-ST2CD223J	J	AA	22 kohms,1/6W	R511,512	VRS-CY1JB822J	J	AA	8.2 kohms,1/16W
R277	VRD-ST2CD331J	J	AA	330 ohms,1/6W	R513,514	VRS-CY1JB122J	J	AA	1.2 kohms,1/16W
R278	VRD-ST2CD563J	J	AA	56 kohms,1/6W	R524~526	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R280	VRD-ST2CD563J	J	AA	56 kohms,1/6W	R527,528	VRS-CY1JB222J	J	AA	2.2 kohms,1/16W
R281	VRD-RT2HD120J	J	AA	12 ohms,1/2W	R529~534	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W
				[CD-CH1500H Only]	R535,536	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R283	VRD-ST2CD474J	J	AA	470 kohms,1/6W	R537,538	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R284	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R539,540	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R285~292	VRD-ST2EE6R8J	J	AA	6.8 ohms,1/4W	R541,542	VRS-CY1JB152J	J	AA	1.5 kohms,1/16W
				[CD-CH1500H Only]	R543,544	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R295	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R547,548	VRS-CY1JB222J	J	AA	2.2 kohms,1/16W
R296	VRD-ST2CD224J	J	AA	220 kohms,1/6W	R549,550	VRS-CY1JB393J	J	AA	39 kohms,1/16W
R297,298	VRD-ST2CD223J	J	AA	22 kohms,1/6W	R551,552	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R299	VRD-ST2CD391J	J	AA	390 ohms,1/6W [For CD-CH1500W]	R582	VRS-CY1JB223J	J	AA	22 kohms,1/16W
R299	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W [For CD-CH1500H]	R591,592	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R302	VRD-ST2CD100J	J	AA	10 ohm,1/6W	R701~706	VRD-ST2CD102J	J	AA	1 kohm,1/6W
				[CD-CH1500W Only]	R707,708	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R309	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R710,711	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
				[CD-CH1500W Only]	R712	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R311	VRS-CY1JB104J	J	AA	100 kohm,1/16W	R713~715	VRD-ST2CD102J	J	AA	1 kohm,1/6W
				[CD-CH1500W Only]	R720,721	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
R313	VRS-CY1JB333J	J	AA	33 kohms,1/16W	R723	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
				[CD-CH1500W Only]	R726	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R314	VRD-ST2CD220J	J	AA	22 ohms,1/6W	R728,729	VRD-ST2CD153J	J	AA	15 kohms,1/6W
				[CD-CH1500W Only]	R730,731	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R322	VRS-CY1JB271J	J	AA	270 ohms,1/16W	R733	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
				[CD-CH1500W Only]	R735,736	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R323	VRS-CY1JB683J	J	AA	68 kohms,1/16W	R747	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R325	VRS-CY1JB473J	J	AA	47 kohms,1/16W	R748	VRD-ST2CD103J	J	AA	10 kohm,1/6W
				[CD-CH1500W Only]	R749	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R327	VRD-ST2CD330J	J	AA	33 ohms,1/6W	R750	VRD-ST2CD101J	J	AA	100 ohm,1/6W
				[CD-CH1500W Only]	R752~754	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
R336	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R755~757	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R344	VRD-ST2CD471J	J	AA	470 ohms,1/6W	R758~760	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
				[CD-CH1500H Only]	R761	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R345	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W	R762	VRS-CY1JB682J	J	AA	6.8 kohms,1/16W
R346	VRS-CY1JB331J	J	AA	330 ohms,1/16W	R763	VRS-CY1JB272J	J	AA	2.7 kohms,1/16W
				[CD-CH1500H Only]	R764~766	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R347	VRS-CY1JB682J	J	AA	6.8 kohms,1/16W	R767	VRD-ST2CD102J	J	AA	1 kohm,1/6W
				[CD-CH1500H Only]	R768	VRD-RT2HD2R2J	J	AA	2.2 ohms,1/2W
R348	VRS-CY1JB681J	J	AA	680 ohms,1/16W					[CD-CH1500H Only]
				[CD-CH1500H Only]	R769~771	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
R349	VRD-ST2CD330J	J	AA	33 ohms,1/6W	R772	VRD-ST2CD102J	J	AA	1 kohm,1/6W
				[CD-CH1500H Only]	R773~775	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R350	VRS-CY1JB272J	J	AA	2.7 kohms,1/16W	R776	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R351	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W	R777~779	VRD-ST2CD822J	J	AA	8.2 kohms,1/6W
R352	VRS-CY1JB102J	J	AA	1 kohm,1/16W	R780	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R353	VRS-CY1JB271J	J	AA	270 ohms,1/16W	R781~783	VRD-ST2CD183J	J	AA	18 kohms,1/6W
R354	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W	R785	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R355	VRS-CY1JB332J	J	AA	3.3 kohms,1/16W	R787	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R356	VRS-CY1JB102J	J	AA	1 kohm,1/16W	R788	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R357	VRS-CY1JB474J	J	AA	470 kohms,1/16W	R789	VRD-ST2EE151J	J	AA	150 ohms,1/4W
R358	VRS-CY1JB822J	J	AA	8.2 kohms,1/16W	R790	VRD-ST2EE331J	J	AA	330 ohms,1/4W
R359	VRS-CY1JB182J	J	AA	1.8 kohms,1/16W	R791,792	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R360	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W	R800	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R361,362	VRS-CY1JB222J	J	AA	2.2 kohms,1/16W					[CD-CH1500W Only]
				[For CD-CH1500W]	R803	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R361,362	VRS-CY1JB472J	J	AA	4.7 kohms,1/16W	R806,807	VRD-ST2CD223J	J	AA	22 kohms,1/6W
				[For CD-CH1500H]	R813	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R363,364	VRS-CY1JB122J	J	AA	1.2 kohms,1/16W	R814	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R369	VRD-ST2CD820J	J	AA	82 ohms,1/6W [For CD-CH1500H]	R815	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R369	VRD-ST2EE821J	J	AA	820 ohms,1/4W [For CD-CH1500W]	R820,821	VRD-ST2CD471J	J	AA	470 ohms,1/6W
R370	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R822	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R371	VRS-CY1JB472J	J	AA	4.7 kohms,1/16W	R828,829	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R372~374	VRS-CY1JB102J	J	AA	1 kohm,1/16W	R830	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R376	VRS-CY1JB102J	J	AA	1 kohm,1/16W	R834,835	VRD-RT2HD560J	J	AA	56 ohms,1/2W
R377	VRS-CY1JB473J	J	AA	47 kohms,1/16W	R836	VRD-ST2EE271J	J	AA	270 ohms,1/4W
R378	VRS-CY1JB823J	J	AA	82 kohms,1/16W	R901~903	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R379	VRS-CY1JB222J	J	AA	2.2 kohms,1/16W	R904	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R380	VRS-CY1JB152J	J	AA	1.5 kohms,1/16W					[CD-CH1500W Only]
R381	VRS-CY1JB103J	J	AA	10 kohm,1/16W	R905,906	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R382	VRD-ST2EE151J	J	AA	150 ohms,1/4W	R907	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R383~385	VRS-CY1JB562J	J	AA	5.6 kohms,1/16W	R908	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R389	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W	R910~913	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R391,392	VRD-ST2EE271J	J	AA	270 ohms,1/4W [For CD-CH1500H]	R914~916	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R391,392	VRD-ST2EE391J	J	AA	390 ohms,1/4W [For CD-CH1500W]	R917	VRD-ST2CD102J	J	AA	1 kohm,1/6W
									[CD-CH1500W Only]

CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
R918~921	VRS-CY1JB102J	J AA	1 kohm,1/16W
R928	VRS-CY1JB102J	J AA	1 kohm,1/16W
R932,933	VRS-CY1JB102J	J AA	1 kohm,1/16W
R934	VRD-ST2CD102J	J AA	1 kohm,1/6W
R935,936	VRS-CY1JB102J	J AA	1 kohm,1/16W
R941	VRS-CY1JB334J	J AA	330 kohms,1/16W
R943,944	VRS-CY1JB102J	J AA	1 kohm,1/16W
R946~948	VRD-ST2CD102J	J AA	1 kohm,1/6W
R949	VRS-CY1JB102J	J AA	1 kohm,1/16W
R953,954	VRD-ST2CD102J	J AA	1 kohm,1/6W
R955~959	VRS-CY1JB102J	J AA	1 kohm,1/16W
R960	VRD-ST2CD102J	J AA	1 kohm,1/6W
R962	VRS-CY1JB102J	J AA	1 kohm,1/16W
R965,966	VRD-ST2CD102J	J AA	1 kohm,1/6W
R968~970	VRD-ST2CD102J	J AA	1 kohm,1/6W
R976~981	VRS-CY1JB102J	J AA	1 kohm,1/16W
R982	VRD-ST2CD102J	J AA	1 kohm,1/6W
R984~988	VRS-CY1JB102J	J AA	1 kohm,1/16W
R989	VRD-ST2CD102J	J AA	1 kohm,1/6W
R990	VRS-CY1JB102J	J AA	1 kohm,1/16W
R991	VRD-ST2CD102J	J AA	1 kohm,1/6W
R992~994	VRS-CY1JB102J	J AA	1 kohm,1/16W
R995	VRD-ST2CD102J	J AA	1 kohm,1/6W
R996~998	VRS-CY1JB102J	J AA	1 kohm,1/16W
R999	VRD-ST2CD102J	J AA	1 kohm,1/6W
R1001	VRS-CY1JB473J	J AA	47 kohms,1/16W
R1002	VRS-CY1JB104J	J AA	100 kohm,1/16W
R1003	VRD-ST2CD472J	J AA	4.7 kohms,1/6W
R1007	VRS-CY1JB102J	J AA	1 kohm,1/16W
R1008	VRD-ST2CD102J	J AA	1 kohm,1/6W
R1011	VRS-CY1JB104J	J AA	100 kohm,1/16W
R1012	VRS-CY1JB102J	J AA	1 kohm,1/16W
R1013	VRD-ST2CD473J	J AA	47 kohms,1/6W
R1014	VRS-CY1JB104J	J AA	100 kohm,1/16W
R1015	VRS-CY1JB821J	J AA	820 ohms,1/16W
R1016,1017	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1023	VRS-CY1JB102J	J AA	1 kohm,1/16W
R1024	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1026,1027	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1028	VRS-CY1JB273J	J AA	27 kohms,1/16W
R1031,1032	VRS-CY1JB102J	J AA	1 kohm,1/16W
R1033	VRS-CY1JB103J	J AA	10 kohm,1/16W [CD-CH1500W Only]
R1035,1036	VRS-CY1JB562J	J AA	5.6 kohms,1/16W
R1044	VRS-CY1JB223J	J AA	22 kohms,1/16W
R1046	VRS-CY1JB123J	J AA	12 kohms,1/16W
R1048	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1050~1052	VRS-CY1JB102J	J AA	1 kohm,1/16W
R1053~1057	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1058	VRS-CY1JB104J	J AA	100 kohm,1/16W
R1060	VRS-CY1JB104J	J AA	100 kohm,1/16W
R1062	VRS-CY1JB332J	J AA	3.3 kohms,1/16W
R1065,1066	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1068	VRD-ST2CD103J	J AA	10 kohm,1/6W
R1071,1072	VRD-ST2CD333J	J AA	33 kohms,1/6W
R1081,1082	VRS-CY1JB562J	J AA	5.6 kohms,1/16W
R1084~1090	VRS-CY1JB562J	J AA	5.6 kohms,1/16W
R1092~1094	VRS-CY1JB562J	J AA	5.6 kohms,1/16W
R1105	VRD-ST2CD103J	J AA	10 kohm,1/6W
R1106~1109	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1112,1113	VRS-CY1JB123J	J AA	12 kohms,1/16W
R1118,1119	VRS-CY1JB102J	J AA	1 kohm,1/16W
R1124	VRS-CY1JB103J	J AA	10 kohm,1/16W
R1129,1130	VRS-CY1JB472J	J AA	4.7 kohms,1/16W
R1131,1132	VRS-CY1JB221J	J AA	220 ohms,1/16W
R1133	VRD-ST2CD471J	J AA	470 ohms,1/6W
R1138,1139	VRS-CY1JB564J	J AA	560 kohms,1/16W
R1141	VRD-ST2CD102J	J AA	1 kohm,1/6W
R1146	VRD-ST2CD221J	J AA	220 ohms,1/6W [CD-CH1500H Only]
RA710,711	VRD-ST2CD151J	J AA	150 ohms,1/6W
RT26	VRS-CY1JB102J	J AA	1 kohm,1/16W [CD-CH1500H Only]
RT28~30	VRS-CY1JB102J	J AA	1 kohm,1/16W [CD-CH1500H Only]
RT32	VRS-CY1JB103J	J AA	10 kohm,1/16W [CD-CH1500H Only]
RT33,34	VRS-CY1JB563J	J AA	56 kohms,1/16W [CD-CH1500H Only]
RT35~37	VRS-CY1JB224J	J AA	220 kohms,1/16W [CD-CH1500H Only]
RT39	VRS-CY1JB224J	J AA	220 kohms,1/16W [CD-CH1500H Only]

OTHER CIRCUITRY PARTS

BI12/CNS12	QCNWN1681AWZZ	J AF	Connector Ass'y,2/2Pin
BI201A/B	QCNWN1658AWZZ	J AF	Connector Ass'y,8/8Pin
BI702/CNS702	QCNWN1823AWZZ	J	Connector Ass'y,6/6Pin [For CD-CH1500W]
BI702/CNS702	QCNWN1979AWZZ	J	Connector Ass'y,6/6Pin [For CD-CH1500H]
BI705A/B	QCNWN1674AWZZ	J AD	Connector Ass'y,2/2Pin
BI720/CNS720	QCNWN1665AWZZ	J AH	Connector Ass'y,11/11Pin
BI730/CNS730	QCNWN1675AWZZ	J AE	Connector Ass'y,4/4Pin
BI740A/B	QCNWN1673AWZZ	J AE	Connector Ass'y,3/3Pin
BI741/CNS741	QCNWN1666AWZZ	J AG	Connector Ass'y,5/5Pin
BI770/CNS770	QCNWN1667AWZZ	J AG	Connector Ass'y,7/7Pin
BI771A/B	QCNWN1684AWZZ	J AE	Connector Ass'y,4/4Pin
BI772/CNS772	QCNWN1683AWZZ	J AG	Connector Ass'y,6/6Pin
BI773/CNS773	QCNWN1682AWZZ	J AD	Connector Ass'y,2/2Pin
BI804/CNS804	QCNWN1656AWZZ	J AE	Connector Ass'y,6/6Pin
BI808/CNS808	QCNWN1655AWZZ	J AE	Connector Ass'y,5/5Pin
BI940/CNS940	QCNWN1661AWZZ	J AF	Connector Ass'y,8/8Pin
BI950	QCNCW010HAWZZ	J AD	Socket,8Pin
BI960	QCNCW010QAWZZ	J AE	Socket,15Pin
CNP1	QCNCWZF33AWZZ	J AF	Socket,33Pin
CNP2	QCNCW026HAWZZ	J AC	Socket,8Pin
CNP3	QCNCW026DAWZZ	J AC	Socket,4Pin
CNP4	92LCONE4P53254	J AC	Plug,4Pin
CNP5	QCNCM704HAWZZ	J AC	Plug,8Pin
CNP6	92LCONE6P53253	J AC	Plug,6Pin
CNP6A	92LCONE6P53254	J AC	Plug,6Pin
CNP7	QCNCM704GAWZZ	J AC	Plug,7Pin
CNP101	QCNCM704GAFZZ	J AC	Plug,7Pin
CNP102	QCNCM704HAFZZ	J AC	Plug,8Pin
CNP203	92LCONE5P5268	J AD	Plug,5Pin
CNP204	92LCONE2P53254	J AB	Plug,2Pin
CNP205	92LCONE2P53254	J AB	Plug,2Pin [CD-CH1500W Only]
CNP207	92LCONE4P53254	J AC	Plug,4Pin
CNP301	92LCONE2P5268	J AB	Plug,2Pin [CD-CH1500H Only]
CNP303	92LCONE3P5268	J AC	Plug,3Pin [CD-CH1500W Only]
CNP701	QCNCWZG05AWZZ	J AB	Socket,5Pin
CNP721	92LCONE6P53254	J AC	Plug,6Pin
CNP775	92LCONE2P53253	J AB	Plug,2Pin
△ CNP801	QCNCM049BAWZZ	J AC	Plug,2Pin [For CD-CH1500H]
△ CNP801	QCNCM049EAWZZ	J AD	Plug,5Pin [For CD-CH1500W]
CNP802	QCNCM051EAWZZ	J AD	Plug,5Pin
CNP803	QCNCM035CAWZZ	J AB	Plug,3Pin
CNP805	92LCONE6P5268	J AC	Plug,6Pin
CNP806	QCNCM010QAWZZ	J AD	Plug,15Pin
CNP807	QCNCM010HAWZZ	J AC	Plug,8Pin
CNP901	QCNCWZF33AWZZ	J AF	Socket,33Pin
CNP931	92LCONPB11BPHK	J AC	Plug,11Pin
CNP933	92LCONE5P53253	J AB	Plug,5Pin
CNP934	92LCONE7P53253	J AC	Plug,7Pin
CNP935A	92LCONPB6BPHK	J AB	Plug,6Pin
CNP970	QCNCWZG12AWZZ	J AC	Socket,12Pin
CNP975	92LCONPB2BPHK	J AB	Plug,2Pin
CNS4	QCNWN1692AWZZ	J AD	Connector Ass'y,4Pin
CNS5A/B	QCNWN1690AWZZ	J AG	Connector Ass'y,8/8Pin
CNS6A/B	QCNWN1668AWZZ	J AF	Connector Ass'y,6/6Pin
CNS7A/B	QCNWN1689AWZZ	J AF	Connector Ass'y,7/7Pin
CNS101A/B	QCNWN1670AWZZ	J AH	Connector Ass'y,6/6Pin
CNS200	QCNWN1659AWZZ	J AC	Connector Ass'y,2Pin
CNS205	QCNWN1955AWZZ	J	Socket,2Pin [CD-CH1500W Only]
COR801	RCORF0015AWZZ	J AB	Core
CORE1	RCORF0015AWZZ	J AB	Core
CORE3	RCORF0015AWZZ	J AB	Core [CD-CH1500H Only]
△ F801	QFS-D202CAWNI	J AC	Fuse,T2A L 250V
△ F803,804	QFS-D502CAWNI	J AC	Fuse,T5A L 250V
△ F805,806	QFS-D402CAWNI	J AC	Fuse,T4A L 250V
△ F807	QFS-D312CAWNI	J	Fuse,T3.15A L 250V [CD-CH1500H Only]
△ F808	QFS-D202CAWNI	J AC	Fuse,T2A L 250V
FE301	RTUNS0016AWZZ	J AX	FM Front End [CD-CH1500H Only]
FFC901	QCNWN1672AWZZ	J AF	Flat Cable,33Pin
FFC970	QCNWN1686AWZZ	J AE	Flat Cable,12Pin
FW2	QCNWN1691AWZZ	J AD	Flat Wire,8Pin
FW3	QCNWN1693AWZZ	J AC	Flat Wire,4Pin
JK501	92LJACKL1776A	J AF	Jack,AUX IN
JK701	QJAKM0010AWZZ	J AF	Jack,Headphones
JOG701	QSW-Z0011AWZZ	J AG	Switch,Push Type [Jog Dial]
△ K801,802	92LLUG1746A	J AA	Lug,Terminal

CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
LCD720	RUNTZ0020AWZZ	J	BC	LCD Display
MO200	RMOTV0027AWZZ	J	AM	Motor,Air Cooling Fan
MO201	RMOTV0027AWZZ	J	AM	Motor,Air Cooling Fan [CD-CH1500W Only]
MO700	RMOTV0027AWZZ	J	AM	Motor,Control Panel
MOB1	92LMTR3435DASY	J	AM	Main Cam Motor Ass'y
MOB2	92LMTR3435DASY	J	AM	Tray Motor Ass'y
NM1	92LMTR2996CASY	J	AS	Motor with Chassis [Spindle]
NM2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
NSW1	QSW-F9001AW01	J	AD	Switch,Push Type [Pickup In]
RX701	VHLN64H380A-1	J	AK	Remote Sensor,N64H380A
RY201,202	RRLYD0004AWZZ	J	AP	Relay
△ RY801	RRLYD0001SJZZ	J	AQ	Relay
SO201	QTANA0806AWZZ	J	AG	Terminal,Speaker
SO301	QTANC0103AWZZ	J	AD	Terminal,FM Antenna [CD-CH1500H Only]
△ SO801	QSOCE0008AWZZ	J	AH	Switch,Slide Type [Voltage Selector] [CD-CH1500W Only]
SW701	92LSWICH1401AT	J	AC	Switch,Key Type [On/Stand-by]
SW705	QSW-B0002AWZZ	J	AF	Switch,Lever Type [Open/Close]
SW710	92LSWICH1401AT	J	AC	Switch,Key Type [Panel Open/Close]
SW711	92LSWICH1401AT	J	AC	Switch,Key Type [Volume Down]
SW712	92LSWICH1401AT	J	AC	Switch,Key Type [Volume Up]
SW720	92LSWICH1401AT	J	AC	Switch,Key Type [CD1 Eject]
SW721	92LSWICH1401AT	J	AC	Switch,Key Type [CD2 Eject]
SW722	92LSWICH1401AT	J	AC	Switch,Key Type [CD3 Eject]
SW723	92LSWICH1401AT	J	AC	Switch,Key Type [CD4 Eject]
SW724	92LSWICH1401AT	J	AC	Switch,Key Type [CD5 Eject]
SW725	92LSWICH1401AT	J	AC	Switch,Key Type [CD6 Eject]
SW730	92LSWICH1401AT	J	AC	Switch,Key Type [CD1 Play]
SW731	92LSWICH1401AT	J	AC	Switch,Key Type [CD2 Play]
SW732	92LSWICH1401AT	J	AC	Switch,Key Type [CD3 Play]
SW733	92LSWICH1401AT	J	AC	Switch,Key Type [CD4 Play]
SW734	92LSWICH1401AT	J	AC	Switch,Key Type [CD5 Play]
SW735	92LSWICH1401AT	J	AC	Switch,Key Type [CD6 Play]
SW750	92LSWICH1401AT	J	AC	Switch,Key Type [Reverse Mode]
SW751	92LSWICH1401AT	J	AC	Switch,Key Type [Clear]
SW752	92LSWICH1401AT	J	AC	Switch,Key Type [Memory]
SW753	92LSWICH1401AT	J	AC	Switch,Key Type [Fast Reverse]
SW754	92LSWICH1401AT	J	AC	Switch,Key Type [Fast Forward]
SW755	92LSWICH1401AT	J	AC	Switch,Key Type [Tape Record]
SW756	92LSWICH1401AT	J	AC	Switch,Key Type [Play/Pause]
SW757	92LSWICH1401AT	J	AC	Switch,Key Type [Stop]
SW758	92LSWICH1401AT	J	AC	Switch,Key Type [Play]
SW761	92LSWICH1401AT	J	AC	Switch,Key Type [AUX]
SW762	92LSWICH1401AT	J	AC	Switch,Key Type [Tuner]
SW763	92LSWICH1401AT	J	AC	Switch,Key Type [Tape]
SW764	92LSWICH1401AT	J	AC	Switch,Key Type [CD]
SW772	92LSWICH1401AT	J	AC	Switch,Key Type [Equalizer Mode]
SW773	92LSWICH1401AT	J	AC	Switch,Key Type [X-BASS]
SW778	92LSWICH1401AT	J	AC	Switch,Key Type [Enter]
SW783	92LSWICH1401AT	J	AC	Switch,Key Type [Play Mode]
SW784	92LSWICH1401AT	J	AC	Switch,Key Type [Display]
SW786	92LSWICH1401AT	J	AC	Switch,Key Type [Menu]
SW901	QSW-S0024AWZZ	J	AE	Switch,Slide Type [Span Selector] [CD-CH1500W Only]
SWB101	QSW-P9005AWZZ	J	AD	Switch,Push Type [Disc Detect 1]
SWB102	QSW-P9005AWZZ	J	AD	Switch,Push Type [Disc Detect 2]
SWB103	QSW-P9005AWZZ	J	AD	Switch,Push Type [Disc Detect 3]
SWB104	QSW-P9003AWZZ	J	AD	Switch,Push Type [Mode 1]
SWB105	QSW-P9003AWZZ	J	AD	Switch,Push Type [Mode 2]
SWB106	QSW-P9003AWZZ	J	AD	Switch,Push Type [Mode 3]
SWB107	QSW-P9003AWZZ	J	AD	Switch,Push Type [Mode 4]
SWB108	QSW-P9003AWZZ	J	AD	Switch,Push Type [Mode 5]
SWB109	QSW-P9004AWZZ	J	AE	Switch,Push Type [Tray 1]
SWB110	QSW-P9004AWZZ	J	AE	Switch,Push Type [Tray 2]
UNA902	VHPGP1F32T/-1	J	AP	Optical Fiber Data Link,GP1F32T

CD MECHANISM PARTS

301	NGERH0011AWZZ	J	AC	Gear,Middle
302	NGERH0012AWZZ	J	AC	Gear,Drive
303	MLEVP0080AWZZ	J	AC	Rail,Guide
304	NSFTM0020AWFW	J	AD	Shaft,Guide
305	92LMCUSN1524A	J	AD	Cushion
△ 306	92LHPC1LXASY	J	BD	Pickup Unit Ass'y
306- 1	—	—	—	Pickup Unit (Not Replacement Item)
306- 2	NGERR0043AFZZ	J	AC	Gear,Rack
306- 3	MSPRC0961AFZZ	J	AA	Spring,Rack

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
307	PCUSG0001AWSA	J	AD	Cushion
308	PCUSG0004AWSA	J	AD	Cushion
701	XBSSD26P06000	J	AA	Screw,ø2.6×6mm
702	XHBSD20P05000	J	AA	Screw,ø2×5mm
703	XHBSD20P03000	J	AA	Screw,ø2×3mm
704	LX-WZ1070AFZZ	J	AA	Washer,ø1.5×ø3.8×0.25mm
NM1	92LMTR2996CASY	J	AS	Motor with Chassis [Spindle]
NM2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
NSW1	QSW-F9001AW01	J	AD	Switch,Push Type [Pickup In]

CHANGER MECHANISM PARTS

101	LCHSM0106AWZZ	J	AQ	Main Base
102	PGIDM0033AWZZ	J	AH	Changer Box,Left
103	PGIDM0034AWZZ	J	AG	Changer Box,Right
104	NGERH0121AWZZ	J	AC	Gear,Stabilizer B
105	PGIDM0035AWZZ	J	AH	Bracket,Stabilizer Gear
106	MLEVP0098AWZZ	J	AB	Lever,Tray Lock
107	MSPRP0040AWFW	J	AD	Spring,Tray Lock Lever
108	GCOVA1354AWZZ	J	AF	Disc Tray 1
109	GCOVA1355AWZZ	J	AF	Disc Tray 2
110	GCOVA1356AWZZ	J	AF	Disc Tray 3
111	GCOVA1357AWZZ	J	AF	Disc Tray 4
112	GCOVA1358AWZZ	J	AF	Disc Tray 5
113	GCOVA1359AWZZ	J	AF	Disc Tray 6
114	LPLTP0010AWZZ	J	AG	Top Plate,Rear
115	MCAMP0009AWZZ	J	AE	Cam,Lift
116	NSFTT0057AWFD	J	AE	Shaft,Lift Cam
117	LPLTP0009AWZZ	J	AH	Top Plate,Front
118	MLEVP0099AWZZ	J	AB	Lever,Disc OB
119	NGERH0098AWZZ	J	AC	Gear,Stabilizer Drive,Left/Right
120	NGERH0099AWZZ	J	AC	Gear,Stabilizer Drive,Left
121	MLEVF0055AWFW	J	AC	Lever,OS,Left/Right
122	NGERH0100AWZZ	J	AC	Gear,Stabilizer Drive,Right
123	MSPRT0040AWFJ	J	AB	Spring,OS Lever
124	NGERH0111AWZZ	J	AC	Gear,Tray Drive,Rear
125	NGERH0113AWZZ	J	AF	Gear,Tray Joint,Rear
126	NGERH0116AWZZ	J	AH	Gear,Mode Big
127	NGERH0117AWZZ	J	AC	Gear,Lift A
128	NGERH0118AWZZ	J	AB	Gear,Lift B
129	NGERH0119AWZZ	J	AF	Gear,Lift C
130	NGERH0115AWZZ	J	AC	Gear,Tray Idler
131	NGERH0106AWZZ	J	AC	Gear,Motor Idler,F
132	NGERH0120AWZZ	J	AB	Gear,Stabilizer A
133	NSFTT0055AWM1	J	AH	Stabilizer Gear Ass'y
133- 1	NGERH0122AWZZ	J	AC	Gear,Stabilizer C
133- 2	NSFTT0055AWFD	J	AG	Shaft,Stabilizer Gear
133- 3	NGERH0123AWZZ	J	AC	Gear,Stabilizer D
134	NGERH0108AWZZ	J	AK	Gear,Tray Big
135	NGERH0109AWZZ	J	AB	Gear,Tray A
136	NGERH0110AWZZ	J	AC	Gear,Tray B
137	NGERH0103AWZZ	J	AB	Gear,Motor Idler,C
138	NGERH0102AWZZ	J	AC	Gear,Motor Idler,B
139	NGERH0105AWZZ	J	AB	Gear,Motor Idler,E
140	NGERH0104AWZZ	J	AB	Gear,Motor Idler,D
141	NGERH0101AWZZ	J	AD	Gear,Motor Idler,A
142	NGERH0114AWZZ	J	AB	Gear,Tray C
143	NGERH0107AWZZ	J	AC	Gear,Tray Drive,Front
144	NGERH0112AWZZ	J	AF	Gear,Tray Joint,Front
145	MLEVP0097AWZZ	J	AB	Lever,Left
146	NSFTT0056AWFD	J	AC	Shaft,Lift Lever
147	LHLDZ1270AWZZ	J	AH	Holder,Stabilizer
148	PMAGF0001AWZZ	J	AF	Magnet
149	LHLDM1011AWZZ	J	AD	Stabilizer
150	92LNBAND1318A	J	AA	Nylon Band,80mm
151	QCNCW025DAWZZ	J	AB	Holder,Flat Wire,4Pin
152	QCNCW025HAWZZ	J	AC	Holder,Flat Wire,8Pin
801	XBPSD26P04000	J	AA	Screw,ø2.6×4mm
802	XEBSD20P07000	J	AB	Screw,ø2×7mm
803	XEBSD20P10000	J	AA	Screw,ø2×10mm
804	XHBSD20P05000	J	AA	Screw,ø2×5mm
805	LX-EZ0005AWFD	J	AA	Screw,ø2.6×10mm
806	LX-EZ0026AWFD	J	AB	Screw,ø2×9mm
807	LX-JZ0105AFFN	J	AA	Screw,ø1.7×5mm
808	XEBSD30P10000	J	AA	Screw,ø3×10mm
MOB1	92LMTR3435DASY	J	AM	Main Cam Motor Ass'y
MOB2	92LMTR3435DASY	J	AM	Tray Motor Ass'y

CABINET PARTS

201	92LCAB3624AASY	J		Front Panel Ass'y [For CD-CH1500H]
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CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
201	92LCAB3625AASY	J	Front Panel Ass'y [For CD-CH1500W]
201- 1	—	—	Front Panel (Not Replacement Item)
201- 2	GDORF0081AWSA	J AD	Door,Changer 1
201- 3	GDORF0084AWSA	J AD	Door,Changer 2
201- 4	GDORF0085AWSA	J AD	Door,Changer 3
201- 5	GDORF0086AWSA	J AD	Door,Changer 4
201- 6	GDORF0087AWSA	J AD	Door,Changer 5
201- 7	GDORF0088AWSA	J AD	Door,Changer 6
201- 8	HDECQ0597AWSA	J AK	Panel,Changer Door
201- 9	MLOK00005AWZZ	J AC	Cassette Lock
201-10	JKNBZ0724AWSA	J AF	Button,Power
201-11	JKNBZ0726AWSA	J AG	Button,CD Play
201-12	JKNBZ0735AWSA	J AF	Button,Control Eject
201-13	JKNBZ0741AWSA	J AK	Button,CD Eject
201-14	LHLDZ1271AWSA	J AD	Holder,Changer Door
201-15	LHLDZ1276AWZZ	J AC	Holder,Cassette Lock
201-16	MLIFP0008AWZZ	J AD	Damper
201-17	MSPRC0029AWFJ	J AB	Spring,Cassette Lock
201-18	MSPRD0140AWFJ	J AC	Spring,Cassette Up
201-19	MSPRD0141AWFJ	J AB	Spring,Changer Door
201-20	PCOVA1323AWSA	J AB	Cover,Remote Sensor
201-21	PCUSG0053AWSA	J AB	Cushion,Center Panel
201-22	GDORF0080AWSA	J AG	Cassette Holder
201-23	GCOVA1314AWSA	J AF	Cover,Changer Door Panel,Bottom
201-24	JKNBK0080AWSA	J AG	Knob,Jog
201-25	LHLDZ1276AWZZ	J AC	Holder,Soft,Left
201-26	LHLDZ1276AWZZ	J AC	Holder,Soft,Right
201-27	PSHEM0010AWZZ	J AC	Shield Sheet,Tape Head
201-28	MSPRD0010AWFJ	J AB	Spring,Display PWB
201-29	PSHEM0009AWZZ	J AC	Earth Sheet,Display PWB
201-30	LHLDZ1272AWZZ	J AC	Holder,Switch
201-31	GCOVA1329AWSA	J	Cover,Cassette Holder
201-32	HDECQ0718AWSA	J AN	Center Window
202	92LCAB3435BASY	J AP	Side Panel Ass'y,Left
202- 1	—	—	Side Panel,Left (Not Replacement Item)
202- 2	PCUSG0022AWZZ	J AB	Cushion,Leg,Left
203	92LCAB3435CASY	J AP	Side Panel Ass'y,Right
203- 1	—	—	Side Panel,Right (Not Replacement Item)
203- 2	PCUSG0022AWZZ	J AB	Cushion,Leg,Right
204	GCAB-1188AWSA	J AN	Top Cabinet
205	92LPNL3623AASY	J	Control Panel Ass'y
205- 1	GCOVA1311AWSA	J AN	Control Panel A
205- 2	GCOVA1312AWSA	J AB	Indicator A,Button
205- 3	GCOVA1313AWSA	J AB	Indicator B,Button
205- 4	GDORF0106AWSA	J AN	Control Panel B
205- 5	HDECQ0601AWSA	J AM	Decoration Plate,Outer Window
205- 6	HDECQ0602AWSA	J AG	Outer Window
205- 7	HDECQ0603AWSA	J AG	Inner Window
205- 8	HDECQ0604AWSA	J AG	Ring,Jog Knob
205- 9	JKNBZ0727AWSA	J AH	Button,Function
205-10	JKNBZ0734AWSA	J AH	Button,Control
205-11	JKNBZ0730AWSA	J AG	Button,Play Mode
205-12	JKNBZ0731AWSA	J AG	Button,Menu
205-13	JKNBZ0732AWSA	J AE	Button,Enter
205-14	MSPRD0142AWFJ	J AD	Spring,Control Panel
206	GEAR3435AASY1	J AT	Gear Ass'y
206- 1	LHLDZ1261AWZZ	J AE	Gear Box A
206- 2	LHLDZ1262AWZZ	J AC	Gear Box B
206- 3	PSPAZ0023AWZZ	J AC	Spacer,Warm Gear
206- 4	NGERH0097AWZZ	J AC	Gear,Reduc.A
206- 5	NGERH0124AWZZ	J AF	Gear,Reduc.B
206- 6	NGERW0013AWZZ	J AC	Gear,Warm
206- 7	NGERW0014AWZZ	J AF	Gear,Warm Wheel
207	GITAR0701AWSA	J AQ	Rear Panel [For CD-CH1500H]
207	GITAR0703AWSA	J	Rear Panel [For CD-CH1500W]
208	HDECQ0715AWSA	J AQ	Decoration Plate,Display Window [For CD-CH1500W]
208	HDECQ0716AWSA	J AQ	Decoration Plate,Display Window [For CD-CH1500H]
209	LANGK0197AWFW	J AG	Bracket,Center Support
210	LANGK0253AWFW	J AG	Bracket,Fan Motor Support
211	LANGK0258AWFW	J AF	Bracket,Heat Sink Support
212	LANGK0200AWFW	J AE	Bracket,PWB Support
213	LANGK0226AWFW	J AD	Bracket,Panel Support,Left
214	LANGK0227AWFW	J AD	Bracket,Panel Support,Right
215	LANGT0042AWFW	J AC	Bracket,Power PWB/Main PWB
216	LBSHC0002AWZZ	J AD	Bushing,AC Power Supply Cord
217	LCHSM0126AWFW	J AW	Main Chassis

NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
218	LCHSZ0017AWFW	J AN	Chassis,Bottom
219	LHLDK9001AW00	J AB	Poly Core Tie
220	92LCAUT1706A1	J AC	Label,Class 3A
221	92LCAUT1706B	J AA	Label,Laser
222	PSPAZ0024AWZZ	J AC	Spacer,LCD PWB
223	LHLDZ1265AWZZ	J AC	Holder,LED,A
224	LHLDZ1266AWZZ	J AC	Holder,LED,B
225	MSPRD0108AWFJ	J AC	Spring,Fan Motor
226	NBRGC0003AWZZ	J AC	Bearing Metal
227	NFANP0001AWZZ	J AD	Rotary Fan,Motor
228	PCUSG0008AWZZ	J AB	Cushion,Spacer
229	PCUSG0022AWZZ	J AB	Cushion,Leg
230	PRDAR0163AWFW	J AP	Heat Sink,Main
231	PRDAR0164AWFW	J AS	Heat Sink,Sub A
232	PRDAR0165AWFW	J AH	Heat Sink,Sub B
233	92LNBAND1318A	J AA	Nylon Band,80mm
234	PSHEP0041AWZZ	J AG	Sheet,LCD
235	LHLDZ1269AWZZ	J AD	Holder,LCD
236	PSLDM3075AWFW	J AD	Shield Plate,Power PWB
237	PSLDM3076AWFW	J AF	Shield Plate,Phone
238	PSPAS0003AWZZ	J AC	Spacer,Fan Motor Support Bracket
△ 239	QACCE0008AW00	J AG	AC Power Supply Cord
△ 239	QACCL0005AW00	J AN	AC Power Supply Cord [For CD-CH1500W]
△ 239	QACCC0007AW00	J AP	AC Power Supply Cord [For CD-CH1500W]
△ 240	QFSHD0001AWZZ	J AB	Holder,Fuse
241	92LCSPPR1431C	J AA	Spring,Fan Ring
242	LHLDZ1274AWZZ	J AC	Holder,LED,E
243	LHLDZ1268AWZZ	J AC	Holder,LED,D
244	PCOVU1004AWZZ	J AC	Cover,LCD
245	QCNWN1730AWZZ	J AC	Lug Wire
246	PREFL0006AWSA	J AG	Illuminator
247	PSHEP0050AWSA	J AD	Color Filter
248	PCOVZ1016AWZZ	J	Cover,AC Protection
249	LANGK0272AWFW	J	Bracket,Fan Motor Support [CD-CH1500W Only]
250	KMECB0016AWZZ	J BD	Tape Mechanism Ass'y
250- 1	92PF513-853	J BL	Head Plate Block
250- 2	92PF525-332	J BD	Motor with Pulley [Tape]
250- 3	92PF567-647	J BA	Tape Mechanism PWB Ass'y
250- 4	92PFF19U-	J	Belt,Main
250- 5	92PF514-133	J AL	Pinch Roller,Right
250- 6	92PF514-134	J AL	Pinch Roller,Left
250- 7	92PFF19S-	J	Belt,FF/REW
250- 8	92PFD58M-	J	Gear,Cam
250- 9	92PF765-286	J AR	Solenoid
250-10	92PFR25P-11	J	Flywheel,FWD
250-11	92PFR25M-11	J	Flywheel,REV
252	LANGK0210AWFW	J AB	Bracket,Headphones Support
601	LX-BZ0880AFZZ	J AC	Screw,ø2×2.2mm
602	LX-BZ2222AXZZ	J AB	Screw,Special
603	LX-EZ0028AWFN	J AC	Screw,ø2.6×12mm
604	LX-HZ0082AFZZ	J AA	Screw,ø4×8mm
605	LX-JZ0010AFFD	J AA	Screw,ø3×10mm
606	XBBSD20P05000	J AA	Screw,ø2×5mm
607	XEBSD26P10000	J AA	Screw,ø2.6×10mm
608	XEBSD30P10000	J AA	Screw,ø3×10mm
609	XEBSD30P14000	J AA	Screw,ø3×14mm
610	XEBSD30P20000	J AA	Screw,ø3×20mm
611	XESSD26P12000	J AB	Screw,ø2.6×12mm
612	XESSD30P10000	J AA	Screw,ø3×10mm
613	XESSN26P12000	J AA	Screw,ø2.6×12mm
614	XJBSD30P08000	J AA	Screw,ø3×8mm
615	XJBSD30P10000	J AA	Screw,ø3×10mm
616	XJBSD30P14000	J AA	Screw,ø3×14mm
617	XJBSD30P10000	J AA	Screw,ø3×10mm
618	XJBSD30P16000	J AA	Screw,ø3×16mm
619	XJSSD30P10000	J AA	Screw,ø3×10mm
620	XWHS32-10130	J AA	Washer,ø3.2×ø13×1.0mm
621	XESSD30P14000	J AA	Screw,ø3×14mm
622	XEBSF26P10000	J AA	Screw,ø2.6×10mm
623	LX-BZ0062AWF2	J AD	Screw,Transport

ACCESSORIES/PACKING PARTS

QANTL0005AWZZ	J AG	AM Loop Antenna [CD-CH1500H Only]
QANTL0007AWZZ	J AK	AM/FM Loop Antenna [CD-CH1500W Only]
SPAKA0305AWZZ	J	Packing Add.,Front/Rear
SPAKC1160AWZZ	J	Packing Case [For CD-CH1500H]

CD-CH1500H/CD-CH1500W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
	SPAKC1162AWZZ	J		Packing Case [For CD-CH1500W]
	SSAKA0007AWZZ	J	AB	Polyethylene Bag,Accessories
	SSAKH0038AWZZ	J	AE	Polyethylene Bag,Unit
	TCAUZ0076AWZZ	J		Caution,Transport [For CD-CH1500H]
	TCAUZ0077AWZZ	J		Caution,Transport [For CD-CH1500W]
	TINSZ0653AWZZ	J	AR	Operation Manual [For CD-CH1500H]
	TINSZ0654AWZZ	J		Operation Manual [For CD-CH1500W]
	TLABE0526AWZZ	J		Label,Bar Code [For CD-CH1500H]
	TLABE0527AWZZ	J		Label,Bar Code [For CD-CH1500W]
	TLABG0006AWZZ	J	AB	Label,Carton [CD-CH1500W for Argentine Only]
	TLABG0007AWZZ	J	AC	Label,Set [CD-CH1500W for Argentine Only]
	TLABR1194AWZZ	J		Label,Bar Code [For CD-CH1500W]
	TLABZ0605AWZZ	J	AB	Label,Saving Energy [For CD-CH1500H]
	TLABZ0620AWZZ	J	AB	Label,Saving Energy [For CD-CH1500W]
	TLABZ0821AWZZ	J		Label,Feature [CD-CH1500W (Except for Australia/New Zealand)]
	TLABZ0822AWZZ	J		Label,Feature [For CD-CH1500H]
	TLABZ0823AWZZ	J		Label,Feature [CD-CH1500W for Australia/ New Zealand]
	TTAG-0004AWZZ	J	AC	Tag,AC Power Supply Cord [CD-CH1500W for Argentine Only]
	92LBAG1770A	J	AB	Polyethylene Bag,AC Power Supply Cord [CD-CH1500W for Argentine Only]
	92LFANT1535A	J	AF	FM Antenna [CD-CH1500H Only]
	92LGCARD1266E1	J	AC	Warranty Card [CD-CH1500W for Australia/ New Zealand Only]
	92LLABL1204C	J	AA	Label,Made in Malaysia,Set [CD-CH1500W Only]
	92LLABL1507B	J	AA	Label,Made in Malaysia,Packing Case [CD-CH1500W Only]
	RRMCG0285AWSA	J		Remote Control [For CD-CH1500W]
	RRMCG0286AWSA	J	AU	Remote Control [For CD-CH1500H]
	GFTAB1030AWSA	J		Battery Lid,Remote Control

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A	92LPWB3624MANS	J	—	Main [For CD-CH1500H]
PWB-A	92LPWB3625MANS	J	—	Main [For CD-CH1500W]
PWB-B1~9	92LPWB3624DPLS	J	—	Display/LED A/LED B/CD Switch/Control/Jog/Motor/ Switch/Headphones (Combined Ass'y) [For CD-CH1500H]
PWB-B1~9	92LPWB3625DPLS	J	—	Display/LED A/LED B/CD Switch/Control/Jog/Motor/ Switch/Headphones (Combined Ass'y) [For CD-CH1500W]
PWB-C	92LPWB3436CDUS	J	—	CD Servo
PWB-D1~3	92LPWB3624PWRS	J	—	Speaker/Sub Trans/Power (Combined Ass'y) [For CD-CH1500H]
PWB-D1~3	92LPWB3625PWRS	J	—	Speaker/Sub Trans/Power (Combined Ass'y) [For CD-CH1500W]
PWB-E	QPWBF0027AWZZ	J	AD	CD Motor (PWB Only)
PWB-F	QPWBF0644AWZZ	J	AD	Tray Switch (PWB Only)
PWB-G	QPWBF0645AWZZ	J	AC	Cam Switch (PWB Only)
PWB-H	92PF567-648	J	—	Tape Mechanism

OTHER SERVICE PARTS

QCWNW6931AFZZ	J	AN	Extension Flat Cable (33Pin)
UDSKA0004AFZZ	J	AZ	CD Pickup Lens Cleaner Disc

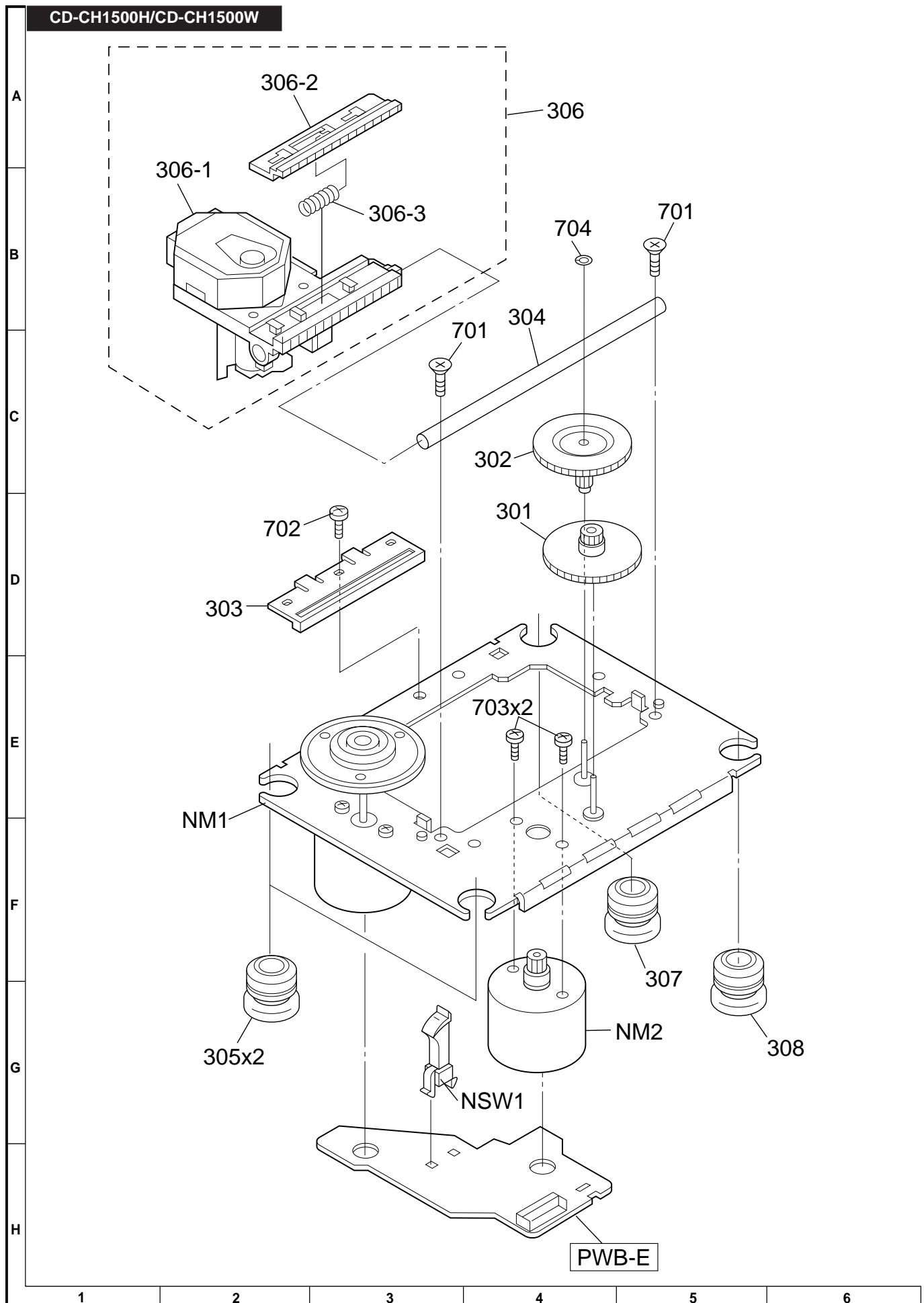
CP-RW5500H/CP-RW5500W

SPEAKER BOX PARTS

701	GBOXS0063AWSA	J		Speaker Box Ass'y
702	CPNLS1029AW01	J		Front Panel Ass'y
703	CWAKP1049AW01	J		Net Frame Ass'y
704	HDECQ0723AWSA	J		Cover,Tweeter
705	LHLDZ8001AWSA	J	AD	Catching Holder
706	PCUSG0022AWZZ	J	AB	Cushion,Leg
707	QCWNW1934AWZZ	J		Speaker Cord Ass'y,Woofer with Capacitor
708	QCWNW1935AWZZ	J		Speaker Cord Ass'y,Sub Woofer
709	PCUSS0051AWZZ	J		Cushion,Speaker Cord
710	QTANA9009AWZZ	J		Speaker Terminal,Woofer
711	QTANA9010AWZZ	J		Speaker Terminal,Sub Woofer
712	TSPC-0829AWZZ	J		Label,Specifications [For CD-CH1500H]
712	TSPC-0830AWZZ	J		Label,Specifications [For CD-CH1500W]
713	PFLT-0049AWZZ	J		Felt
714	XEBSD30P10000	J	AA	Screw,ø3×10mm
715	XEBSD30P12000	J	AA	Screw,ø3×12mm
716	XEBSD40P16000	J		Screw,ø4×16mm
717	PDUC-0006AWZZ	J		Paper Duct
SP601,602	RSPA10014AW6W	J		Woofer
SP603,604	RSPA00012AW6T	J		Tweeter
SP605,606	RSPA10015AW6W	J		Sub Woofer

ACCESSORIES/PACKING PARTS

SPAKA0306AWZZ	J		Packing Add.,Top/ Bottom,Speaker
SSAKH0059AWZZ	J		Polyethylene Bag,Speaker
CQNWN1949AW01	J		Speaker Cord Ass'y
CQNWN1949AWZZ	J		Speaker Wire for MAIN Terminals
CQNWN1950AWZZ	J		Speaker Wire for SUB WOOFER Terminals
SSAKH0062AWZZ	J		Polyethylene Bag,Speaker Cord



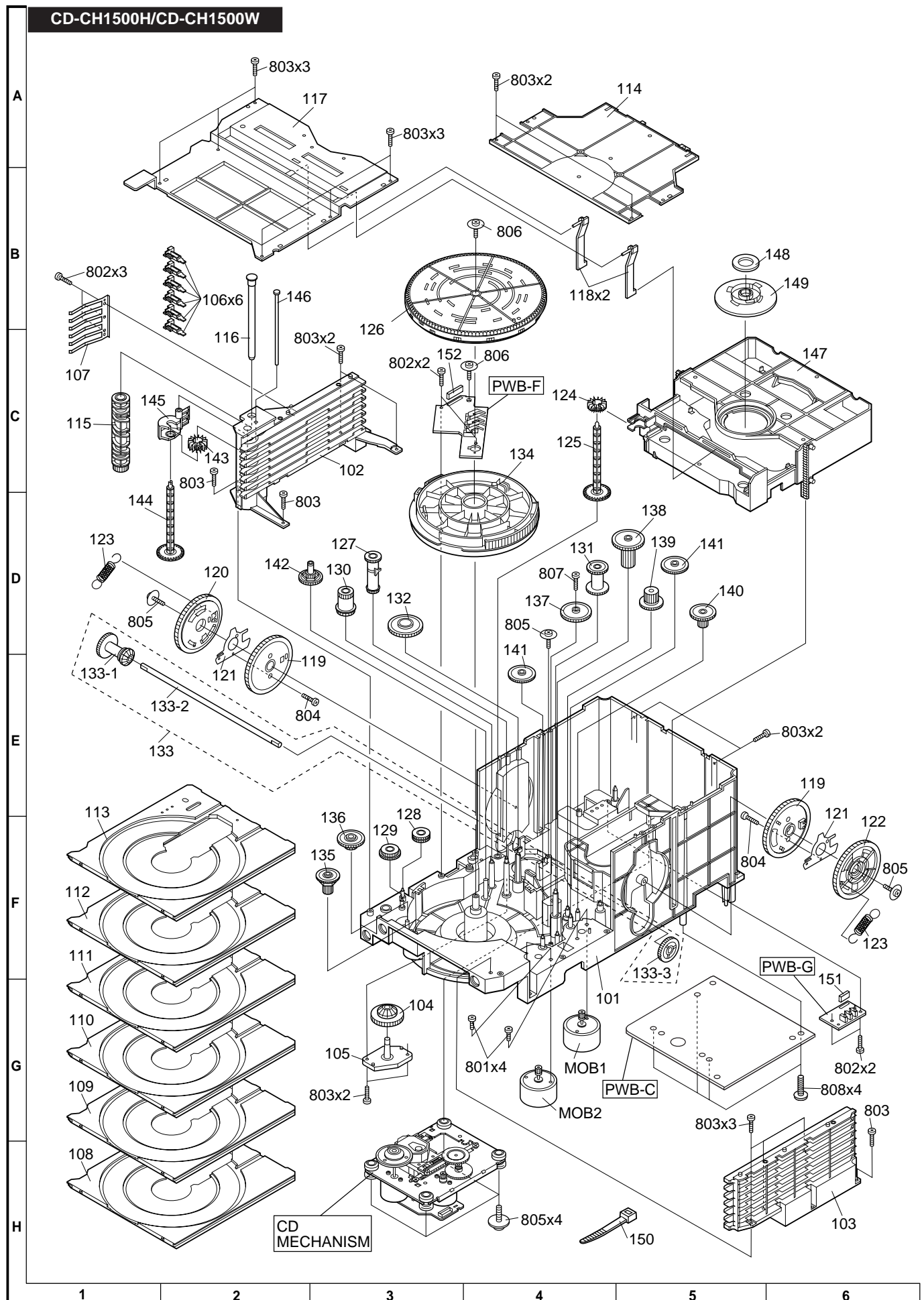


Figure 11 CD CHANGER MECHANISM EXPLODED VIEW

CD-CH1500H/CD-CH1500W

A

B

C

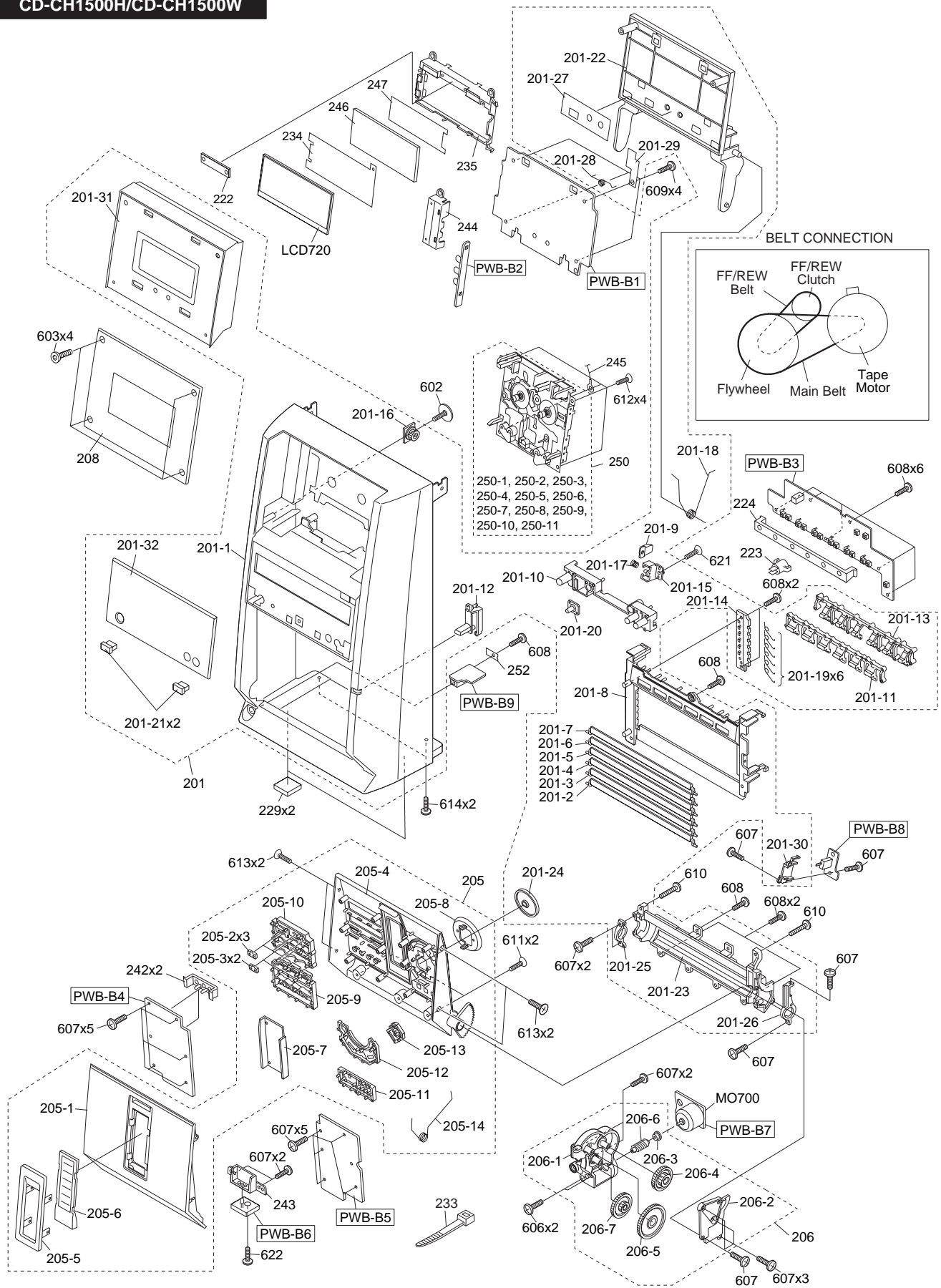
D

E

F

G

H



Note: Only the unit and consumable parts are supplied as parts supply for the Tape mechanism.

Figure 12 CABINET EXPLODED VIEW (1/2)

CD-CH1500H/CD-CH1500W

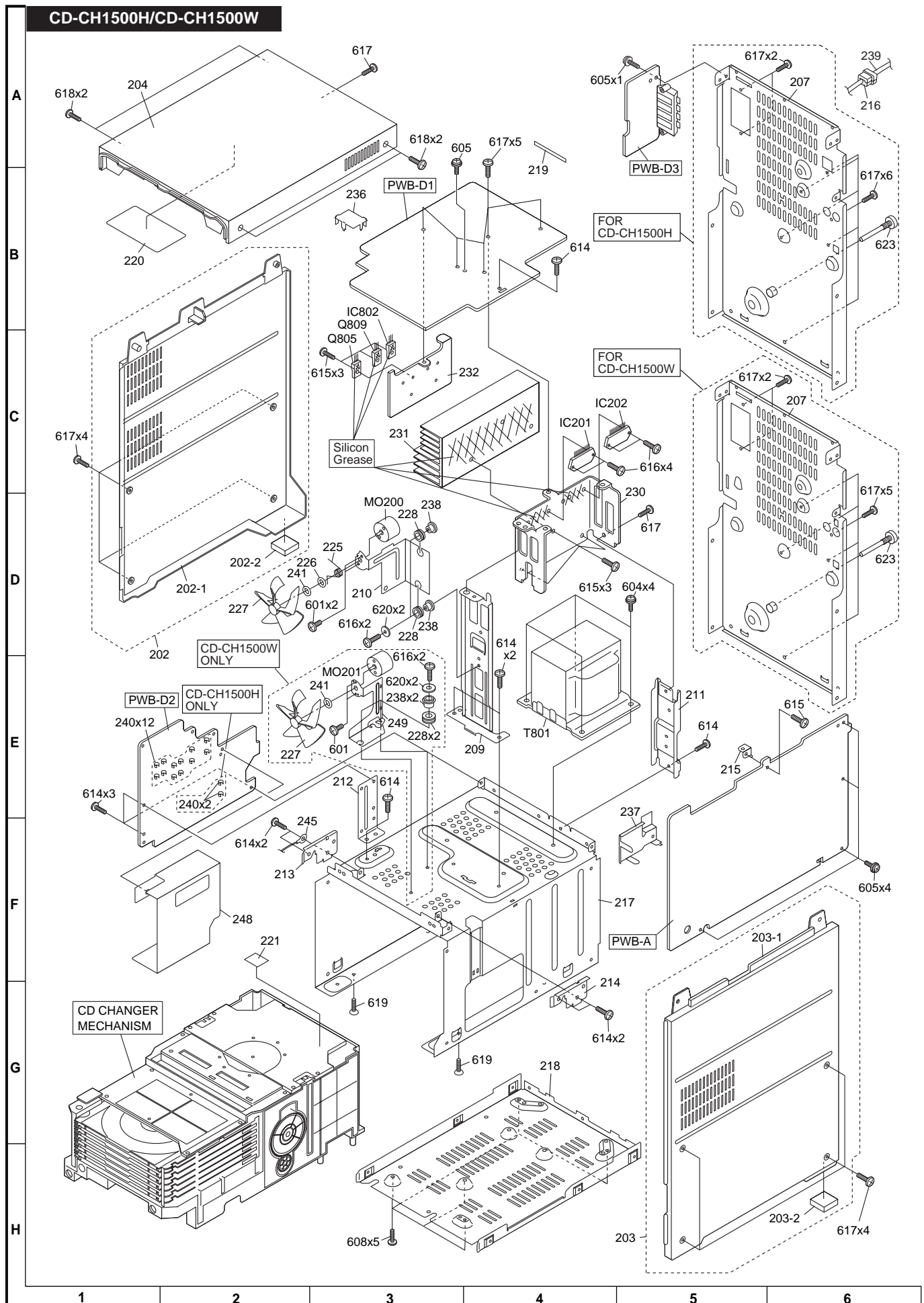


Figure 13 CABINET EXPLODED VIEW (2/2)

CP-RW5500H/CP-RW5500W

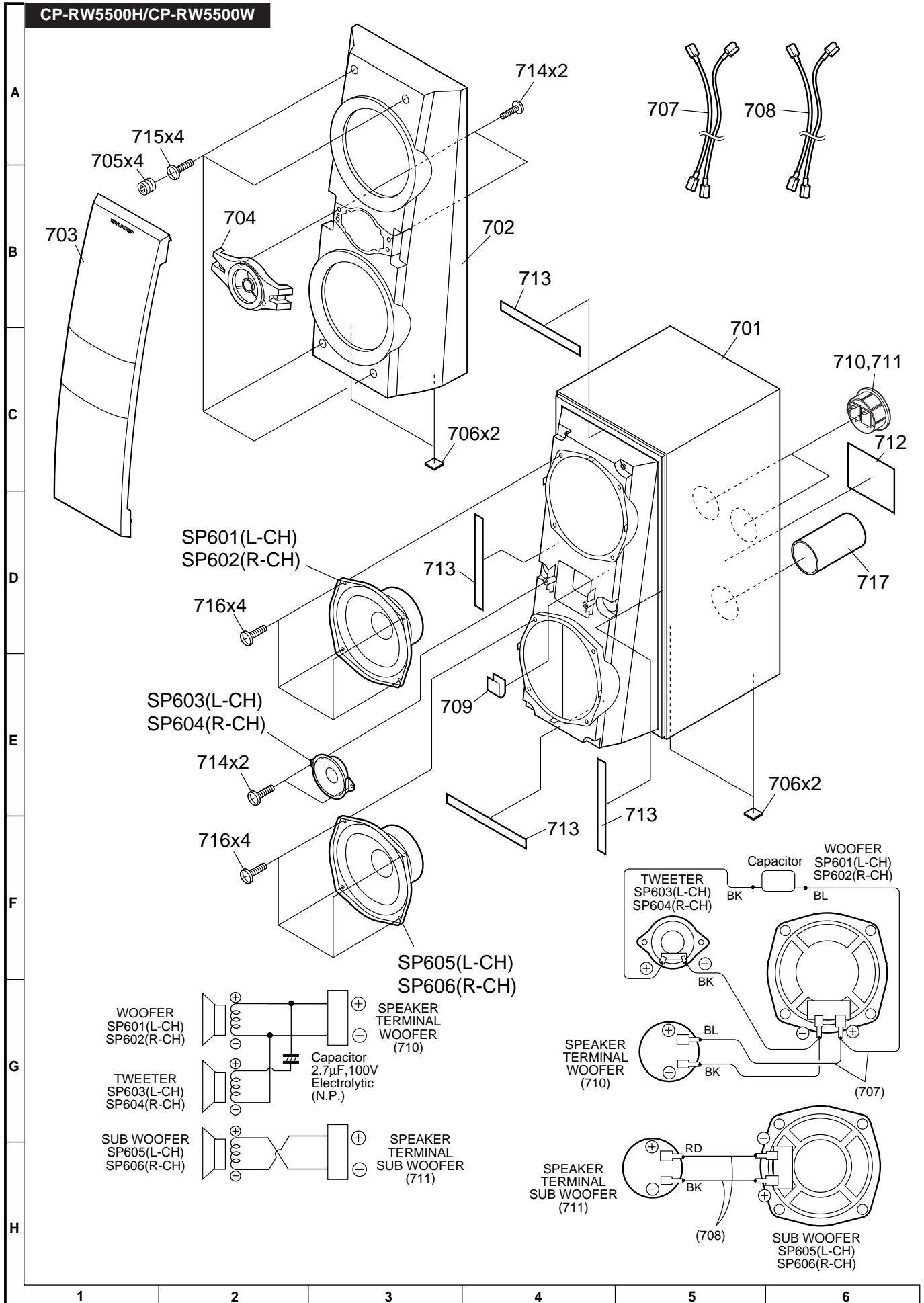


Figure 14 SPEAKER EXPLODED VIEW



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SHARP CORPORATION
Communication Systems Group
Quality & Reliability Control Center
Higashihiroshima, Hiroshima 739-0192, Japan
Printed in Japan

A0103-2800DS•HA•M

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